City of Fitchburg
Planning/Zoning Department
5520 Lacy Road
Fitchburg, WI 53711
(608-270-4200)

ARCHITECTURAL & DESIGN REVIEW APPLICATION

Applicant/Contact Person: Cameron General Contractors, Inc., Robert Lewis, Director of Development

Address: 7101 S. 82nd Street **Phone Number of Contact Person:** 608-275-7633

City, State, Zip Code: Lincoln, NE 68516 **Email of Contact Person:** blewis@camerongeneralcontractors.com

Project Address: TBD - Southwest corner of Fitchrona Road & Limestone Ln. **Lot:** Original Lot 12 **Subdivision:** Orchard Point

Project Type: ✓ **Multi-Family** ____ **Commercial** ____ **Industrial** ____ **Other**

✓ **New** ____ **Addition**

Impervious Surface Ratio (ISR): 55% (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

Site Data:

- ☑ 1. Lot or property dimensions.
- ☑ 2. Orientation (to north).
- ☑ 3. Adjacent highways, roads, drive, etc.
- NA ☐ 4. Existing natural features (rivers, ponds, wetlands).
- NA ☐ 5. Existing buildings and/or improvements.
- ☑ 6. Existing and proposed site drainage.
- ☑ 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site
- ☑ 8. ISR shall be indicated on all plans.
- NA ☐ 9. Stormwater management plans and details, including grading plan.
- ☑ 10. Lighting plan in footcandles and light fixture cut sheets.

Building:

- ☑ 1. Building size, configuration and orientation.
- ☑ 2. Distance from lot lines.
- ☑ 3. Distance from other buildings, improvements and natural features.
- NA ☐ 4. Location of well, septic tank, drainfield, etc. (if applicable)
- ☑ 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- ☑ 6. Construction type (wood frame, structural steel, etc.).
- ☑ 7. Foundation type (full basement, slab on grade, etc.).
- ☑ 8. Number of levels.
- ☑ 9. Siding/exterior covering type, color, texture, etc.
- ☑ 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- ☑ 11. Roofing material type, color, texture, etc.
- ☑ 12. Exterior door and window location, size, type, etc.
- ☑ 13. Fire protection sprinklers or fire alarm systems.

Ingress, Egress, Parking:

- ☑ 1. Location of highway and road access points.
- ☑ 2. Location, size, configuration of drivers and walks.
- ☑ 3. Number, size, location of parking spaces.
- ☑ 4. Location of handicapped parking and accessible building entrances.
- NA ☐ 5. Bicycle rack(s).

Landscaping:

- ☑ 1. Location, species, size of existing trees, shrubs, and plantings.
- ☑ 2. Location, species, size of proposed plantings.
- ☑ 3. Location and size of all paved, seeded/sodded and gravelled areas.
- ☑ 4. Location of all retaining walls, fences, berms and other landscape features.

***It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed: Robert Lewis Robert Lewis **Date:** 6/14/19
Applicant or Authorized Agent

***** Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to planning@fitchburgwi.gov. Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

FOR CITY USE ONLY

Date Received: _____ **Plan Commission Date:** _____

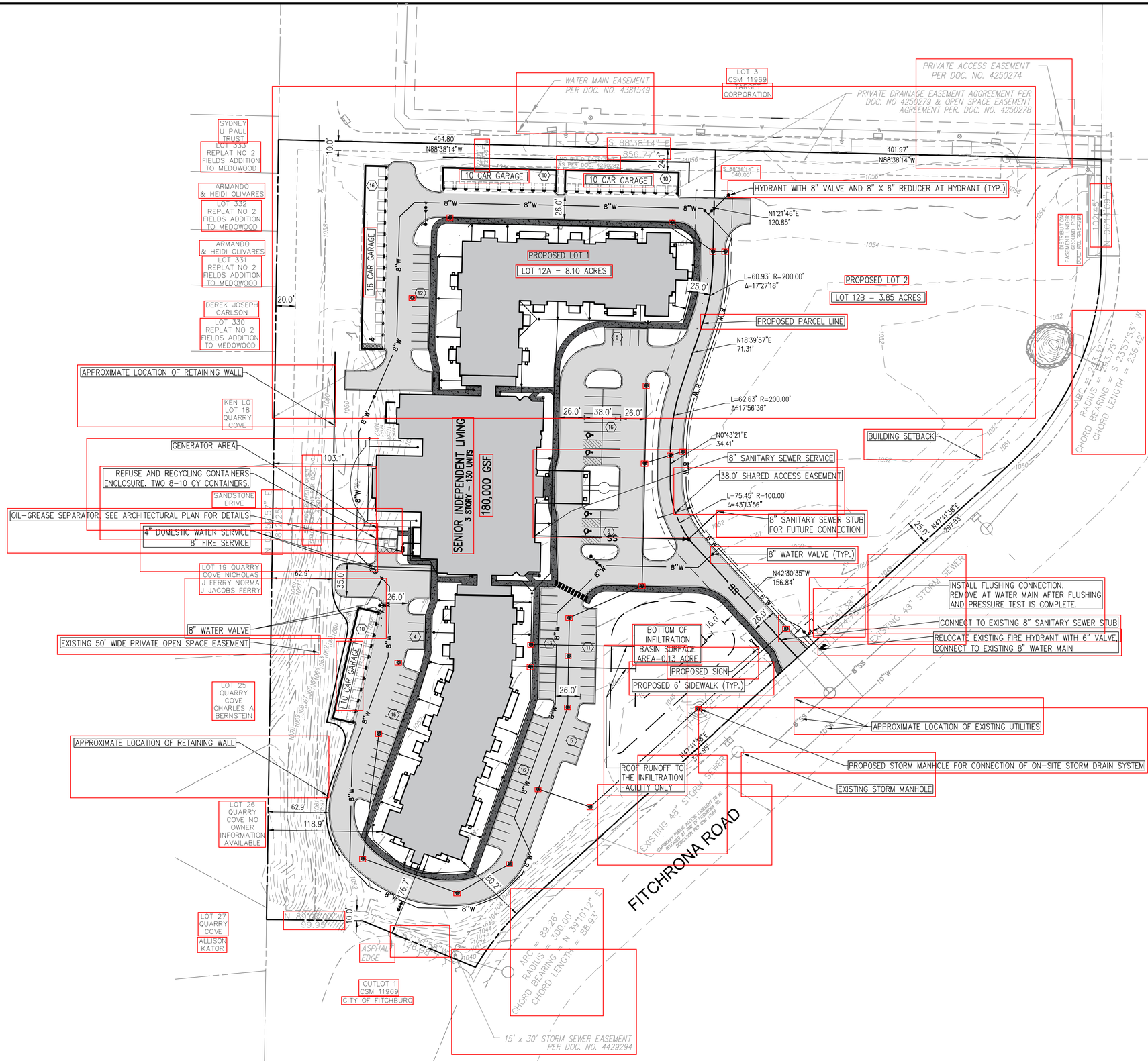
Comments:



CONCEPT SITE PLAN

RESORT LIFESTYLE COMMUNITIES
OF FITCHBURG, WI

NOT TO SCALE



DEVELOPMENT SUMMARY

ZONING	
ZONING DISTRICT	R-H (HIGH DENSITY RESIDENTIAL)
PRINCIPAL USE	SENIOR HOUSING (INDEPENDENT)
FRONTAGE / SETBACKS	
FITCHRONA RD. SETBACK	25 FT
SIDE SETBACK	10 FT
REAR SETBACK	20 FT
PARKING	
STANDARD PARKING	100
ADA PARKING	4
STANDARD GARAGE PARKING	45
ADA GARAGE PARKING	1
TOTAL PARKING	150

BUILDING INFORMATION

CONSTRUCTION TYPE	RETIREMENT COMMUNITY – TYPE 5A GARAGES – TYPE 5B
FOUNDATION TYPE	CONVENTIONAL REINFORCED SLAB ON GRADE OVER CONCRETE FOUNDATION, NO BASEMENTS
NUMBER OF LEVELS	3
SIDING/EXTERIOR TYPE, COLOR	BRICK AND FIBER CEMENT SIDING (COLORS INDICATED ON EXTERIOR ELEVATIONS)
ROOF TYPE	5:12 AND 6:12 GABLED/HIPPED ROOFS
ROOFING MATERIAL TYPE, COLOR	BUILT-UP ARCHITECTURAL ASPHALT SHINGLES – COLOR 'WEATHERED WOOD'
EXTERIOR DOOR AND WINDOW LOCATION, SIZE, TYPE	AS INDICATED ON EXTERIOR ELEVAITONS
FIRE PROTECTION SPRINKLES OR FIRE ALARM SYSTEMS	NFPA 13 FIRE SPRINKLER SYSTEM IN THE 'CORE'. NFPA 13R FIRE SPRINKLER SYSTEM IN THE 'WINGS'. FIRE ALARM SYSTEM IS REQUIRED AND PROVIDED IN THE ENTIRE BUILDING.

TOTAL SITE AREA = 8.10 AC = 352,836 SF
WESTERN 50' WIDE PRIVATE OPEN SPACE EASEMENT = 50' X 812.25' = 40,613 SF
TOTAL IMPERVIOUS AREA = 194,098 SF
IMPERVIOUS RATIO = 194,098/(352,836-40,613) = 62%
ROOF SURFACE AREA = 81,427 SF
ISR (IMPERVIOUS SURFACE RATIO) = 194,098 SF/352,836 SF = 55%

WATER NOTES:

1. PER CITY ORDINANCE, CONTRACTORS ARE NOT ALLOWED TO OPERATE CITY OWNED VALVES. THE CONTRACTOR SHALL CALL THE FITCHBURG UTILITY AT 270-4270 FOR OPERATION OF THESE VALVES.
2. SAFE SAMPLE RESULTS NEED TO BE PROVIDED TO THE FITCHBURG UTILITY PRIOR TO PRESSURE TESTING THE PRIVATE WATER MAINS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE AT THE POINT OF CONNECTION.
4. ALL WATER MAIN SHALL BE 8" IN SIZE BETWEEN THE PUBLIC WATER MAIN UP TO PRIVATE HYDRANTS. IN ADDITION, ALL WORK ON PRIVATE WATER MAINS BETWEEN THE PUBLIC WATER MAIN UP TO AND INCLUDING PRIVATE HYDRANTS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION TO THE CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
5. A STREET OPENING PERMIT IS REQUIRED FOR ALL WORK WITHIN THE RIGHT-OF-WAY, AND FOR INSTALLATION OF 8" WATER SERVICE VALVES.

GRAPHIC SCALE
0' 25' 50' 100'
(IN FEET)
SCALE: 1 = 50'

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SITE PLAN

RESORT LIFESTYLE COMMUNITIES
FITCHRONA ROAD
FITCHBURG, WISCONSIN
DANE COUNTY

PLAN STATUS	
2/8/19	CITY COMMENTS
3/18/19	TOWNSHIP COMMENTS
5/10/19	PDD COMMENTS

DATE	DESCRIPTION

JDW	JDW	PH
DESIGN	DRAWN	CHKD

SCALE

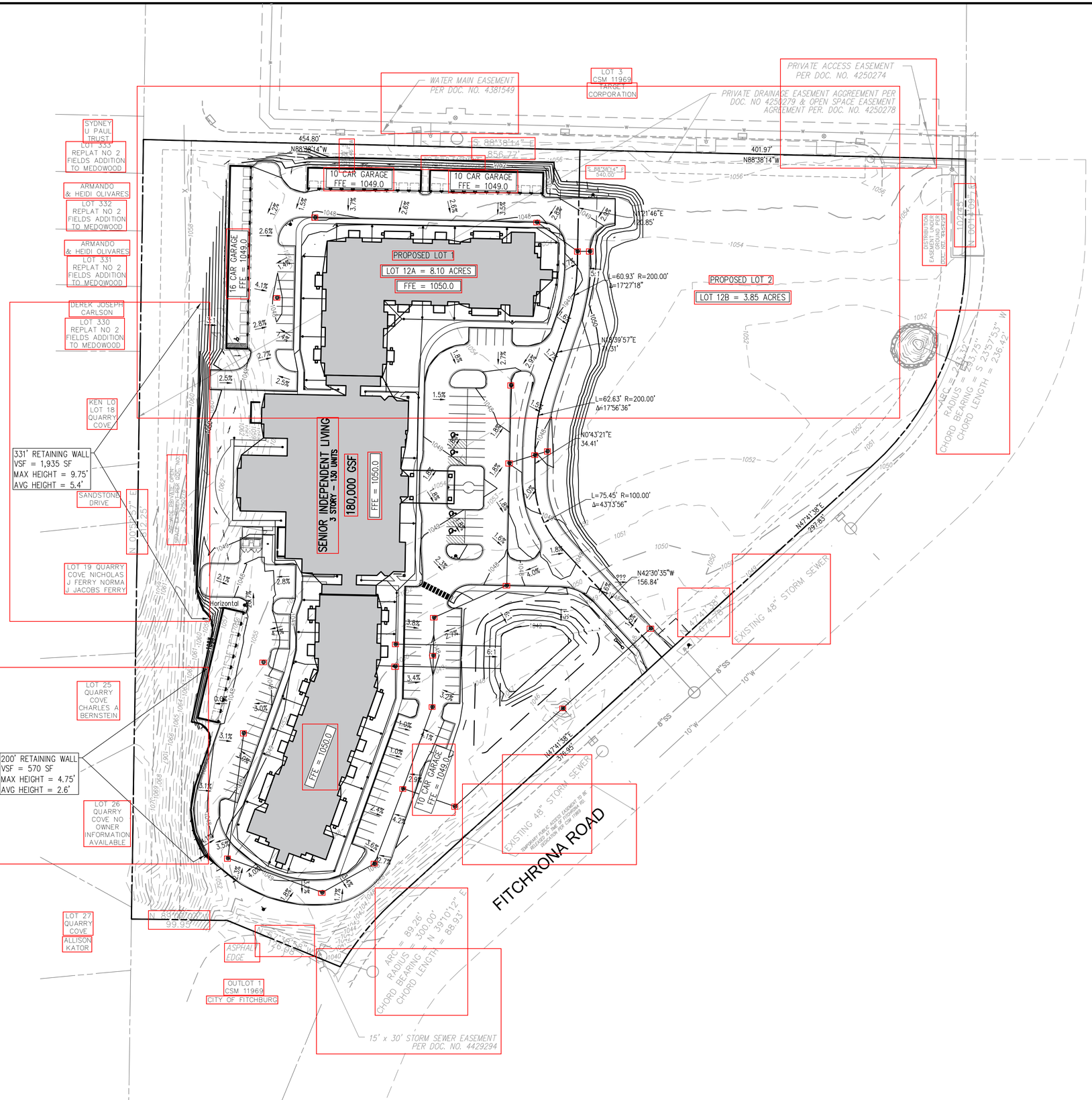
JOB NO. 040037-06-001

DATE 1/21/19

FILE

SHEET C01

Cad file name: V:\040037 - Cameron GC\040037-06-001 (ENG) - Fitchburg WI\Engineering_Chicago numbered folders\300 Drawings\302 Sheets\040037-06-001-CP-CON-JD.dwg 6/13/2019



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GRADING PLAN

RESORT LIFESTYLE COMMUNITIES

FITCHRONA ROAD

FITCHBURG, WISCONSIN

DANE COUNTY

PLAN STATUS	
2/8/19	CITY COMMENTS
3/18/19	TOWNSHIP COMMENTS
5/10/19	PDD COMMENTS

DATE	DESCRIPTION

JDW	JDW	PH
DESIGN	DRAWN	CHKD

SCALE

JOB NO. 040037-06-001

DATE 1/21/19

FILE

SHEET C02

Cad file name: V:\040037 - Cameron GC\040037-06-001 (ENG) - Fitchburg WI\Engineering_Chicago numbered folders\300 Drawings\302 Sheets\040037-06-001-CP-GRD CON.dwg 6/14/2019

WATER MAIN EASEMENT PER DOC. NO. 4381549

LOT 3 CSM 11969 TARGET CORPORATION

PRIVATE ACCESS EASEMENT PER DOC. NO. 4250274

PRIVATE DRAINAGE EASEMENT AGGREEMENT PER DOC. NO 4250279 & OPEN SPACE EASEMENT AGREEMENT PER. DOC. NO. 4250278

SYDNEY U PAUL TRUST LOT 333 REPLAT NO 2 FIELDS ADDITION TO MEDOWOOD

ARMANDO & HEIDI OLIVARES LOT 332 REPLAT NO 2 FIELDS ADDITION TO MEDOWOOD

ARMANDO & HEIDI OLIVARES LOT 331 REPLAT NO 2 FIELDS ADDITION TO MEDOWOOD

DEREK JOSEPH CARLSON LOT 330 REPLAT NO 2 FIELDS ADDITION TO MEDOWOOD

KEN LO LOT 18 QUARRY COVE

SANDSTONE DRIVE

LOT 19 QUARRY COVE NICHOLAS J FERRY NORMA J JACOBS FERRY

LOT 25 QUARRY COVE CHARLES A BERNSTEIN

LOT 26 QUARRY COVE NO OWNER INFORMATION AVAILABLE

LOT 27 QUARRY COVE ALLISON KATOR

OUTLOT 1 CSM 11969 CITY OF FITCHBURG

EX1 — 5.02 AC. — 2%

EX2 — 3.50 AC. — 2%

EX3 — 0.86 AC. — 2%

EX4 — 2.57 AC. — 2%

S 88°38'14" E 856.77'

S 88°38'14" E 540.00'

NO BUILD EASEMENT AS PER DOC. 4250282

N 00°52'57" E 812.25'

BELOW PRIVATE DRIVE AS EASEMENT PER DOC. NO.

S 88°38'14" E 99.99'

ASPHALT EDGE

ARC = 89.26'
RADIUS = 300.00'
CHORD BEARING = N 39°10'12" E
CHORD LENGTH = 88.93'

ARC = 233.12'
RADIUS = 233.75'
CHORD BEARING = S 23°37'53" W
CHORD LENGTH = 236.42'

DISTRIBUTION EASEMENT UNDER GROUND PER DOC. NO. 4250281

N 47°41'28" E 674.78'

EXISTING 48" STORM SEWER

EXISTING 45" STORM SEWER

TEMPORARY STEEL SHEET EASEMENT TO BE RELEASED AT TIME OF DEDICATION PER CSM 11969

15' x 30' STORM SEWER EASEMENT PER DOC. NO. 4429294

8"SS

10"W

FITCHRONA ROAD

LEGEND:

- A10 / JA6 — DESIGN POINT
- BASIN BOUNDARY
- FLOW DIRECTION
- BASIN DESIGNATION / BASIN / AREA AC. / x% — BASIN LABEL / BASIN AREA / PERCENT IMPERVIOUSNESS

GRAPHIC SCALE
0' 25' 50' 100'
(IN FEET)
SCALE: 1" = 50'

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HISTORIC DRAINAGE MAP

RESORT LIFESTYLE COMMUNITIES

FITCHRONA ROAD

FITCHBURG, WISCONSIN

DANE COUNTY

PLAN STATUS	
2/8/19	CITY COMMENTS
3/18/19	TOWNSHIP COMMENTS
5/10/19	PDD COMMENTS

DATE	DESCRIPTION

JDW	JDW	PH
DESIGN	DRAWN	CHKD

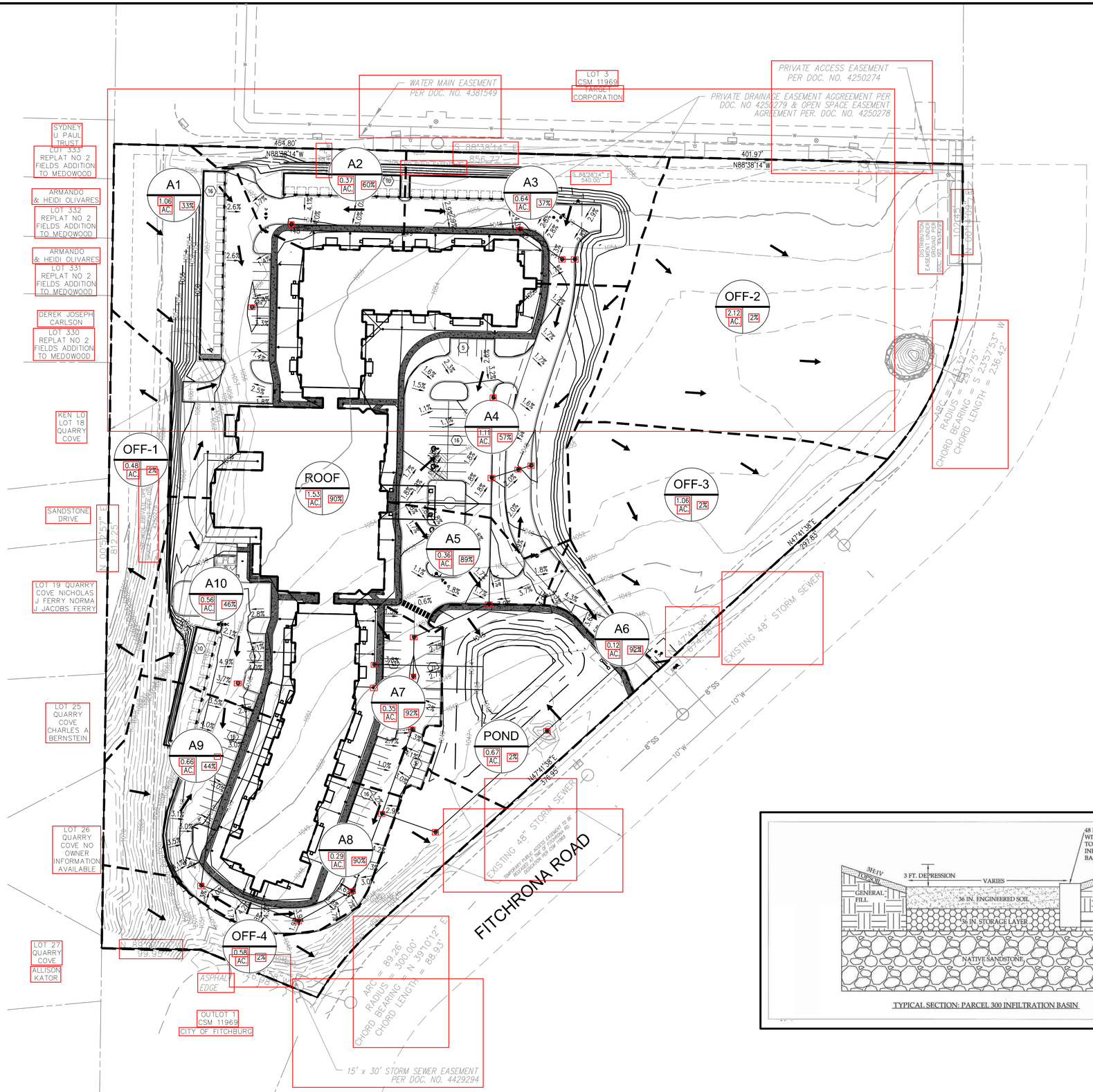
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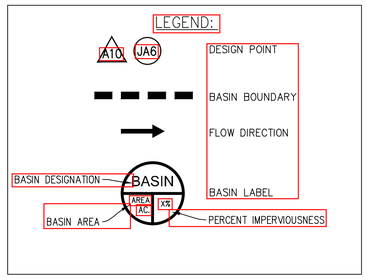
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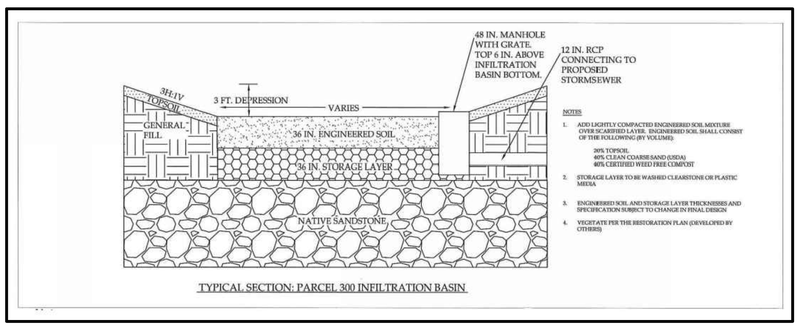
DATE 1/21/19

FILE

SHEET 1







TYPICAL SECTION: PARCEL 300 INFILTRATION BASIN

GRAPHIC SCALE
0' 25' 50' 100'
(IN FEET)
SCALE: 1 = 50'

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PROPOSED DRAINAGE MAP

RESORT LIFESTYLE COMMUNITIES
FITCHRONA ROAD
FITCHBURG, WISCONSIN
DANE COUNTY

PLAN STATUS	
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3/18/19	TOWNSHIP COMMENTS
5/10/19	PDD COMMENTS

DATE	DESCRIPTION

DESIGN	DRAWN	CHKD
JDW	JDW	PH

SCALE

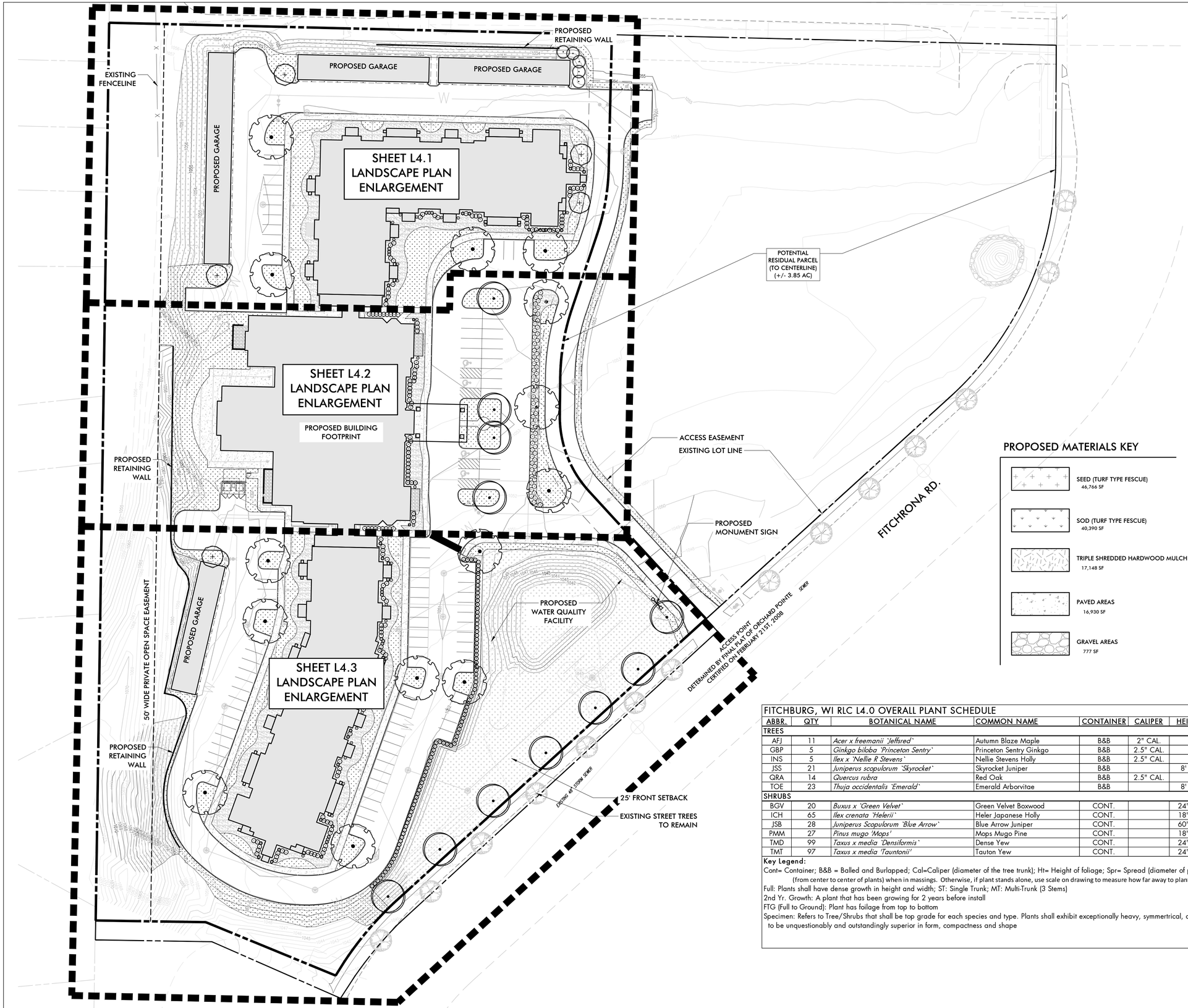
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DATE 1/21/19

FILE

SHEET 1

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PROPOSED MATERIALS KEY

- SEED (TURF TYPE FESCUE) 46,766 SF
- SOD (TURF TYPE FESCUE) 40,390 SF
- TRIPLE SHREDDED HARDWOOD MULCH 17,148 SF
- PAVED AREAS 16,930 SF
- GRAVEL AREAS 777 SF

FITCHBURG, WI MINIMUM REQUIRED LANDSCAPING STANDARDS

CANOPY TREES - STREET
- +/- 80' O.C.
- 477 LF FRONTAGE
  - REQUIRED: 477 LF OF FRONTAGE / 80' = 6 CANOPY TREES
  - PROPOSED: 6 CANOPY TREES

CANOPY TREES - PARKING
- 1 CANOPY TREE PER PARKING ISLAND
  - REQUIRED: 18 PARKING ISLANDS/1 CANOPY TREE = 18 CANOPY TREES
  - PROPOSED: 18 CANOPY TREES

SHRUBBERY
- PARKING PERIMETER SCREENING
- DECIDUOUS OR EVERGREEN
- AT LEAST 40-50% OPACITY
  - REQUIRED: 540 LF OF PARKING PERIMETER SCREENING
  - PROPOSED: 540 LF OF PARKING PERIMETER SCREENING

FOUNDATION PLANTING
- 3' MINIMUM LANDSCAPE BED
- MINIMUM TOTAL LENGTH EQUAL TO 33% OF THE FACADE LENGTH
- WHERE THE LOWEST 36" OF AN EXPOSED BUILDING FACADE IS VISIBLE FROM ROW'S
  - REQUIRED: 1,227 LF FACADE LENGTH X 33% = 405 LF OF PLANTING
  - PROPOSED: 764 LF OF PLANTING

PARKING ISLAND PLANTING
- PER ISLAND: VEGETATION GROUNDCOVER, BARK OR STONE GROUNDCOVER, OR DECORATIVE METAL GRATE
  - REQUIRED: 8,385 TOTAL SF OF PLANTING ISLANDS
  - PROPOSED: 8,385 SF OF VEGETATION GROUNDCOVER

SITE DATA
- TOTAL SITE: 8.36 A.C. (364,166.43 SF)
- BUILDING FOOTPRINT: +/- 69,800 SF
- TOTAL IMPERVIOUS AREA: +/- 168,200 SF
- CURRENT ZONING CLASSIFICATION: B-H (HIGHWAY BUSINESS)
- PROPOSED ZONING CLASSIFICATION: R-H (HIGH DENSITY RESIDENTIAL)

OPEN SPACE
- TOTAL OPEN SPACE: 4.50 A.C. (195,980.96 SF)
- OPEN SPACE RATIO: 54%

GENERAL NOTES
- LANDSCAPING SHALL NOT BE PLACED TO THE FRONT OF ANY FIRE HYDRANT OR WITHIN 3 FEET TO ANY OTHER SIDE OF A FIRE HYDRANT.
- SEE DETAILS AND NOTES FOR PLANTING INSTALLATION

FITCHBURG, WI RLC L4.0 OVERALL PLANT SCHEDULE

ABBR.	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	CALIPER	HEIGHT	SPREAD	SPACING	NOTES
TREES									
AFJ	11	*Acer x freemanii 'Jeffsred'*	Autumn Blaze Maple	B&B	2" CAL.			SEE PLAN	REQUIRED BY CITY
GBP	5	*Ginkgo biloba 'Princeton Sentry'*	Princeton Sentry Ginkgo	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
INS	5	*Ilex x 'Nellie R Stevens'*	Nellie Stevens Holly	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
JSS	21	*Juniperus scopulorum 'Skyrocket'*	Skyrocket Juniper	B&B		8' HT.		36" O.C.	Specimen; Full to ground
QRA	14	*Quercus rubra*	Red Oak	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
TOE	23	*Thuja occidentalis 'Emerald'*	Emerald Arborvitae	B&B		8' HT.		SEE PLAN	Specimen; Full to ground
SHRUBS									
BGV	20	*Buxus x 'Green Velvet'*	Green Velvet Boxwood	CONT.		24" HT.		42" O.C.	Full Plants
ICH	65	*Ilex crenata 'Helerii'*	Heler Japanese Holly	CONT.		18" HT.		48" O.C.	Full Plants
JSB	28	*Juniperus Scopulorum 'Blue Arrow'*	Blue Arrow Juniper	CONT.		60" HT.		SEE PLAN	Full Plants
PMM	27	*Pinus mugo 'Mops'*	Mops Mugo Pine	CONT.		18" HT.		42" O.C.	Full Plants
TMD	99	*Taxus x media 'Densiformis'*	Dense Yew	CONT.		24" HT.		42" O.C.	Full Plants
TMT	97	*Taxus x media 'Tauntonii'*	Tauton Yew	CONT.		24" HT.		42" O.C.	Full Plants

Key Legend:
Cont= Container; B&B = Balled and Burlapped; Cal=Caliper (diameter of the tree trunk); Ht= Height of foliage; Spr= Spread (diameter of plant foliage; Spacing: Refers to how far apart to plant plantings (from center to center of plants) when in massings. Otherwise, if plant stands alone, use scale on drawing to measure how far away to plant in relation to other plants
Full: Plants shall have dense growth in height and width; ST: Single Trunk; MT: Multi-Trunk (3 Stems)
2nd Yr. Growth: A plant that has been growing for 2 years before install
FTG (Full to Ground): Plant has foilage from top to bottom
Specimen: Refers to Tree/Shrubs that shall be top grade for each species and type. Plants shall exhibit exceptionally heavy, symmertrical, apperance to be unquestionably and outstandingly superior in form, compactness and shape

GRAPHIC SCALE
0 20' 40' 80'
(IN FEET)
SCALE: 1" = 40'

Kiser Vogrin Design, LLC
5005 Meridian Blvd.
Ste. 100
Franklin, TN 37067
Phone: (615) 708-0567
www.kiservogrin.com

KVD
KISER VOGRIN DESIGN

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OVERALL LANDSCAPE PLAN
MINIMUM LANDSCAPE PLAN
RESORT LIFESTYLE COMMUNITIES
FITCHRONA ROAD
FITCHBURG, WISCONSIN
DANE COUNTY

06-19-19

WISCONSIN
GARY M VOGRIN
E-791-14
GREEN BAY, WIS.
LANDSCAPE ARCHITECT

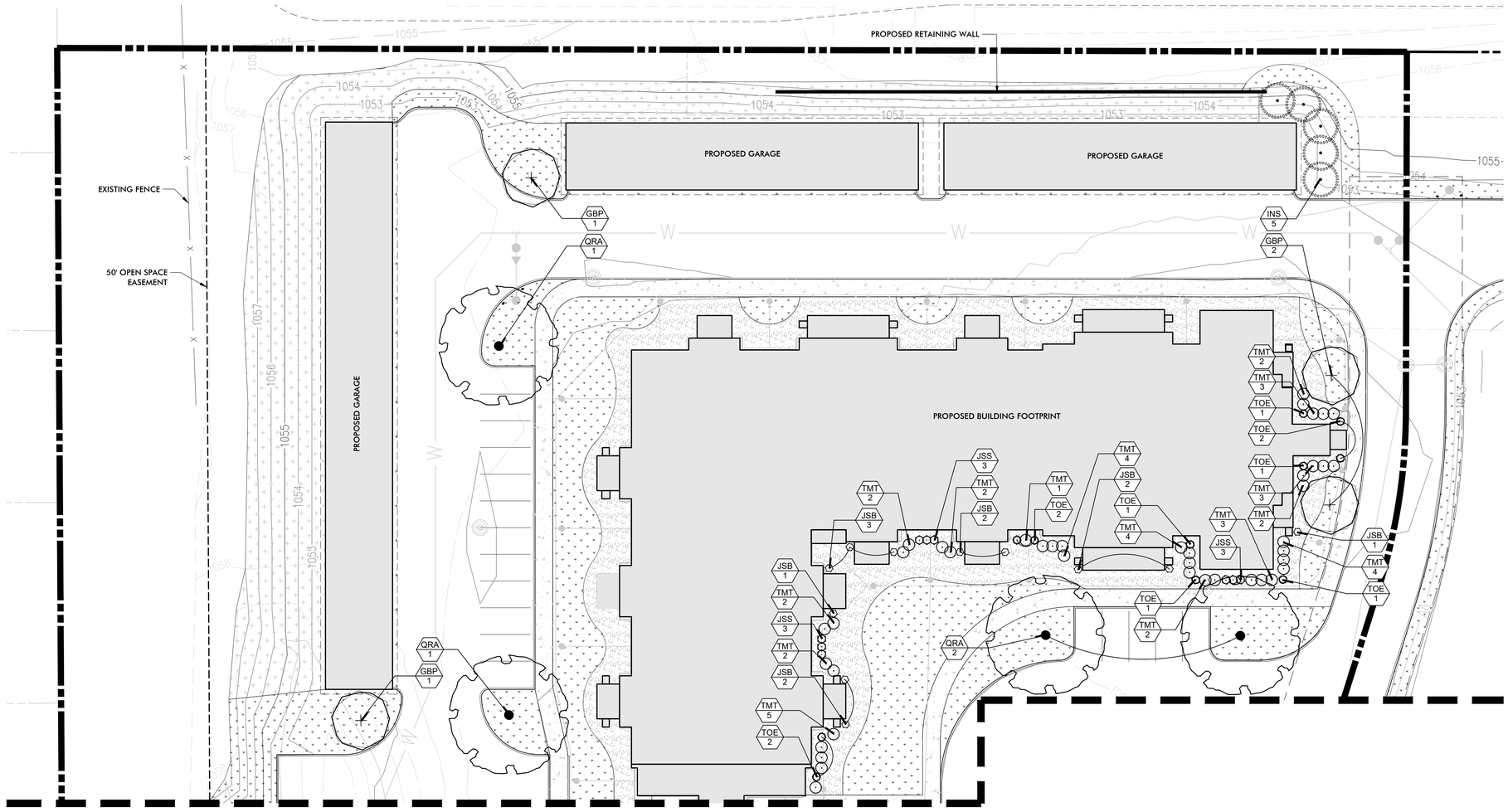
PLAN STATUS	
2/8/19	CITY COMMENTS
3/18/19	TOWNSHIP COMMENTS
4/23/19	PDD REZONING APP.
6/19/19	DESIGN REVIEW APP.

DATE	DESCRIPTION

CMM	CMM	KMR
DESIGN	DRAWN	CHKD

SCALE: 1"=40'
JOB NO. 040037-06-001
DATE 1/21/19
FILE
SHEET L4.0

Cad file name: G:\|2018\18094 RLC Fitchburg, WI\CAD\Entitlement Documents\18094 Minimum Landscape Plan.dwg 6/14/2019



SEE SHEET L4.2 FOR ENLARGEMENT

FITCHBURG, WI RLC L4.1 ENLARGEMENT PLANT SCHEDULE									
ABBR.	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	CALIPER	HEIGHT	SPREAD	SPACING	NOTES
TREES									
GBP	4	*Ginkgo biloba 'Princeton Sentry'*	Princeton Sentry Ginkgo	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
INS	5	*Ilex x 'Nellie R Stevens'*	Nellie Stevens Holly	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
JSS	9	*Juniperus scopulorum 'Skyrocket'*	Skyrocket Juniper	B&B		8' HT.		36" O.C.	Specimen; Full to ground
QRA	4	*Quercus rubra*	Red Oak	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
TOE	11	*Thuja occidentalis 'Emerald'*	Emerald Arborvitae	B&B		8' HT.		SEE PLAN	Specimen; Full to ground
SHRUBS									
JSB	11	*Juniperus Scopulorum 'Blue Arrow'*	Blue Arrow Juniper	CONT.		60" HT.		SEE PLAN	Full Plants
TMT	41	*Taxus x media 'Tauntonii'*	Tauton Yew	CONT.		24" HT.		42" O.C.	Full Plants

Key Legend:
Cont= Container; B&B = Balled and Burlapped; Cal=Caliper (diameter of the tree trunk); Ht= Height of foliage; Spr= Spread (diameter of plant foliage; Spacing: Refers to how far apart to plant plantings (from center to center of plants) when in massings. Otherwise, if plant stands alone, use scale on drawing to measure how far away to plant in relation to other plants
Full: Plants shall have dense growth in height and width; ST: Single Trunk; MT: Multi-Trunk (3 Stems)
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FTG (Full to Ground): Plant has foilage from top to bottom
Specimen: Refers to Tree/Shrubs that shall be top grade for each species and type. Plants shall exhibit exceptionally heavy, symmertrical, apperance to be unquestionably and outstandingly superior in form, compactness and shape

PROPOSED MATERIALS KEY

- SEED (TURF TYPE FESCUE)
- SOD (TURF TYPE FESCUE)
- TRIPLE SHREDDED HARDWOOD MULCH
- PAVED AREAS
- GRAVEL AREAS

GRAPHIC SCALE
0 10' 20' 40'
(IN FEET)
SCALE: 1" = 20'

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KISER VOGRIN DESIGN

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LANDSCAPE PLAN ENLARGEMENT
MINIMUM LANDSCAPE PLAN
RESORT LIFESTYLE COMMUNITIES
FITCHBURG
FITCHBURG, WISCONSIN
DANE COUNTY

06-19-19

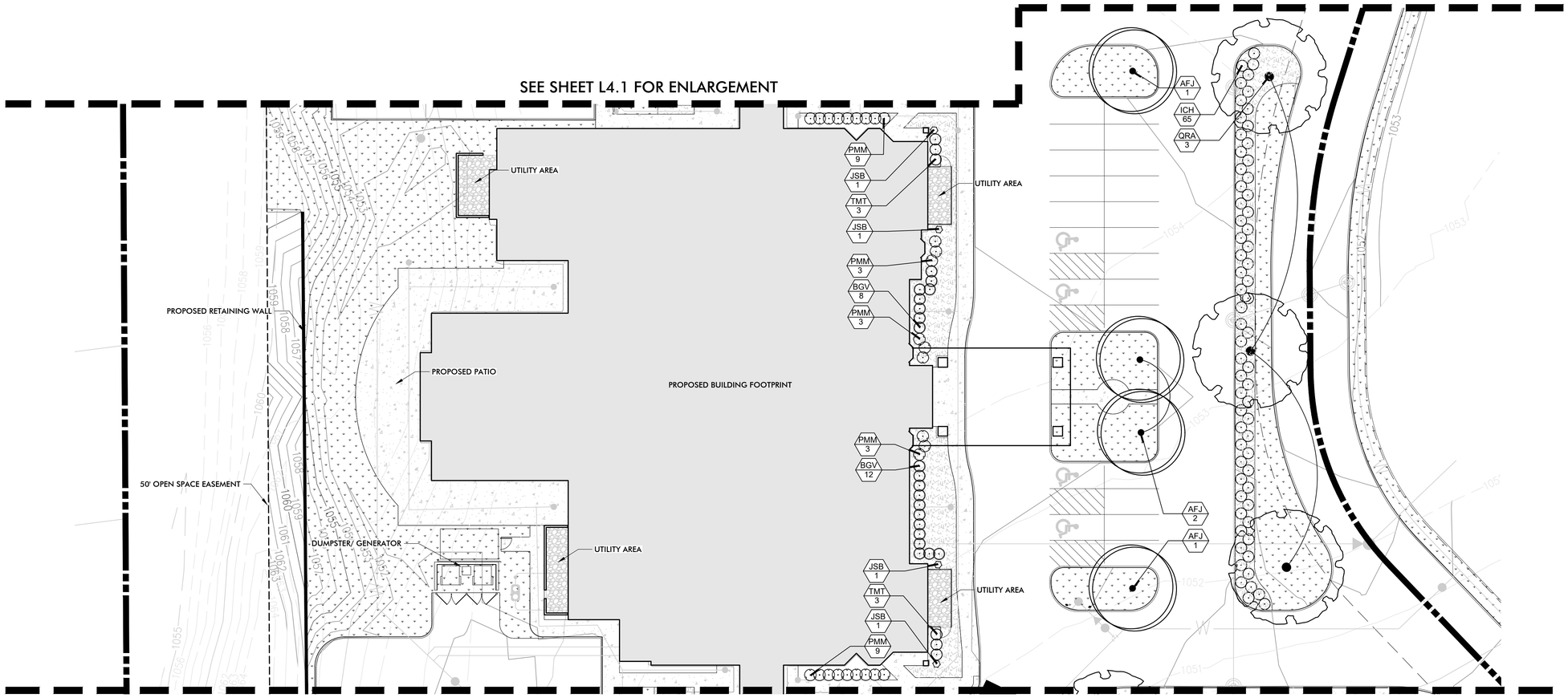
GARY M VOGRIN
LA-781-14
GREEN BAY
WIS.
WISCONSIN
LANDSCAPE ARCHITECT

PLAN STATUS	
2/8/19	CITY COMMENTS
3/18/19	TOWNSHIP COMMENTS
4/23/19	PDD REZONING APP.
6/19/19	DESIGN REVIEW APP.

DATE	DESCRIPTION	
CMM DESIGN	CMM DRAWN	KMR CHKD

SCALE: 1"=20'
JOB NO. 040037-06-001
DATE 1/21/19
FILE
SHEET L4.1

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FITCHBURG, WI RLC L4.2 ENLARGEMENT PLANT SCHEDULE									
ABBR.	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	CALIPER	HEIGHT	SPREAD	SPACING	NOTES
TREES									
AFJ	4	*Acer x freemanii `Jeffsred`*	Autumn Blaze Maple	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
QRA	3	*Quercus rubra*	Red Oak	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
SHRUBS									
BGV	20	*Buxus x `Green Velvet`*	Green Velvet Boxwood	CONT.		24" HT.		42" O.C.	Full Plants
ICH	65	*Ilex crenata `Helerii`*	Heler Japanese Holly	CONT.		18" HT.		48" O.C.	Full Plants
JSB	4	*Juniperus Scopulorum `Blue Arrow`*	Blue Arrow Juniper	CONT.		60" HT.		SEE PLAN	Full Plants
PMM	27	*Pinus mugo 'Mops'*	Mops Mugo Pine	CONT.		18" HT.		42" O.C.	Full Plants
TMT	6	*Taxus x media 'Tauntonii'*	Tauton Yew	CONT.		24" HT.		42" O.C.	Full Plants

Key Legend:
Cont= Container; B&B = Balled and Burlapped; Cal=Caliper (diameter of the tree trunk); Ht= Height of foliage; Spr= Spread (diameter of plant foliage; Spacing: Refers to how far apart to plant plantings (from center to center of plants) when in massings. Otherwise, if plant stands alone, use scale on drawing to measure how far away to plant in relation to other plants
Full: Plants shall have dense growth in height and width; ST: Single Trunk; MT: Multi-Trunk (3 Stems)
2nd Yr. Growth: A plant that has been growing for 2 years before install
FTG (Full to Ground): Plant has foilage from top to bottom
Specimen: Refers to Tree/Shrubs that shall be top grade for each species and type. Plants shall exhibit exceptionally heavy, symmertrical, apperance to be unquestionably and outstandingly superior in form, compactness and shape

PROPOSED MATERIALS KEY

- SEED (TURF TYPE FESCUE)
- SOD (TURF TYPE FESCUE)
- TRIPLE SHREDDED HARDWOOD MULCH
- PAVED AREAS
- GRAVEL AREAS

GRAPHIC SCALE
0 10' 20' 40'
(IN FEET)
SCALE: 1" = 20'

Kiser Vogrin Design, LLC
5005 Meridian Blvd.
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KISER VOGRIN DESIGN

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LANDSCAPE PLAN ENLARGEMENT
MINIMUM LANDSCAPE PLAN
RESORT LIFESTYLE COMMUNITIES
FITCHRONA ROAD
FITCHBURG, WISCONSIN DANE COUNTY

06-19-19

GARY M VOGRIN
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GREEN BAY WIS.
WISCONSIN LANDSCAPE ARCHITECT

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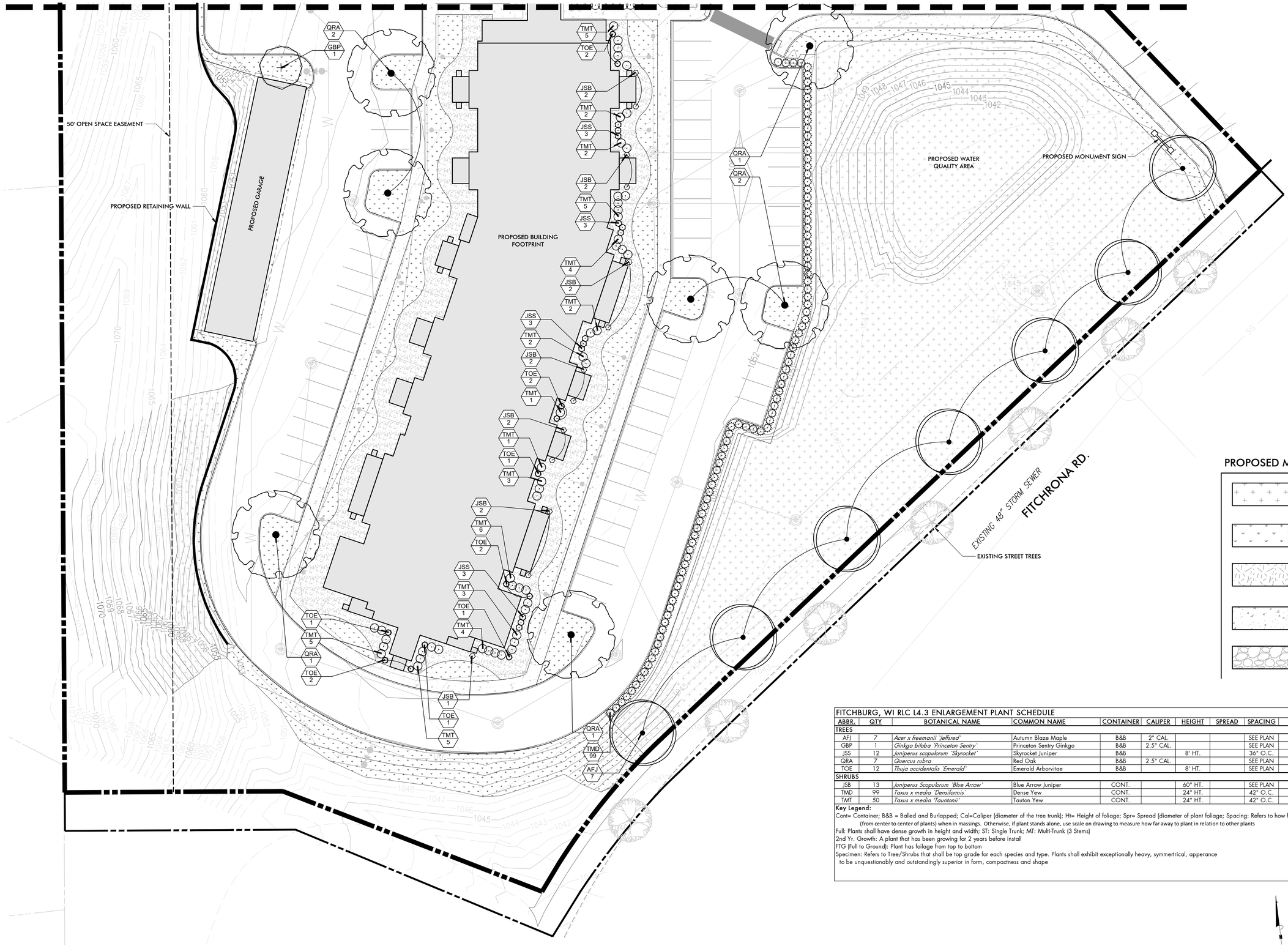
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SEE SHEET L4.2 FOR ENLARGEMENT



PROPOSED MATERIALS KEY

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- SOD (TURF TYPE FESCUE)
- TRIPLE SHREDDED HARDWOOD MULCH
- PAVED AREAS
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FITCHBURG, WI RLC L4.3 ENLARGEMENT PLANT SCHEDULE

ABBR.	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	CALIPER	HEIGHT	SPREAD	SPACING	NOTES
TREES									
AFJ	7	*Acer x freemanii 'Jeffsred'*	Autumn Blaze Maple	B&B	2" CAL.			SEE PLAN	REQUIRED BY CITY
GBP	1	*Ginkgo biloba 'Princeton Sentry'*	Princeton Sentry Ginkgo	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
JSS	12	*Juniperus scopulorum 'Skyrocket'*	Skyrocket Juniper	B&B		8' HT.		36" O.C.	Specimen; Full to ground
QRA	7	*Quercus rubra*	Red Oak	B&B	2.5" CAL.			SEE PLAN	PER CDP-1474-05
TOE	12	*Thuja occidentalis 'Emerald'*	Emerald Arborvitae	B&B		8' HT.		SEE PLAN	Specimen; Full to ground
SHRUBS									
JSB	13	*Juniperus Scopulorum 'Blue Arrow'*	Blue Arrow Juniper	CONT.		60" HT.		SEE PLAN	Full Plants
TMD	99	*Taxus x media 'Densiformis'*	Dense Yew	CONT.		24" HT.		42" O.C.	Full Plants
TMT	50	*Taxus x media 'Tauntonii'*	Tauton Yew	CONT.		24" HT.		42" O.C.	Full Plants

Key Legend:
Cont= Container; B&B = Balled and Burlapped; Cal=Caliper (diameter of the tree trunk); Ht= Height of foliage; Spr= Spread (diameter of plant foliage; Spacing: Refers to how far apart to plant plantings (from center to center of plants) when in massings. Otherwise, if plant stands alone, use scale on drawing to measure how far away to plant in relation to other plants
Full: Plants shall have dense growth in height and width; ST: Single Trunk; MT: Multi-Trunk (3 Stems)
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FITCHRONA ROAD
FITCHBURG, WISCONSIN
DANE COUNTY

06-19-19

GARY M VOGRIN 1-781-16 GREEN BAY WIS. LANDSCAPE ARCHITECT

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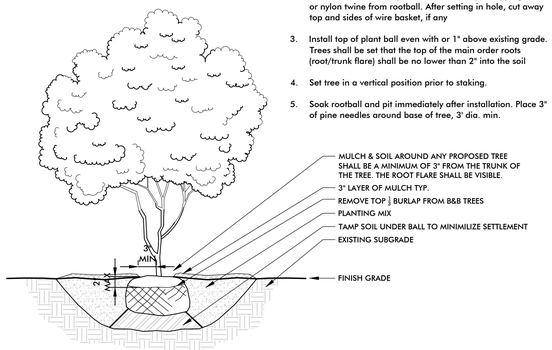
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DESIGN	DRAWN	CHKD

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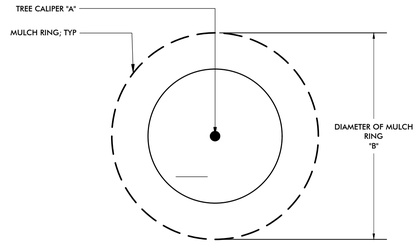
GENERAL NOTES:

1. All trees are to be nursery grown, balled and burlaped (B&B). Minimum tree size is per schedule (measured 6" above rootball).
2. Remove all treated or plastic-coated burlap, strapping, wire or nylon twine from rootball. After setting in hole, cut away top and sides of wire basket, if any
3. Install top of plant ball even with or 1" above existing grade. Trees shall be set that the top of the main order roots (root/trunk flare) shall be no lower than 2" into the soil
4. Set tree in a vertical position prior to staking.
5. Soak rootball and pit immediately after installation. Place 3" of pine needles around base of tree, 3' dia. min.



1 MULTI-TRUNK TREE PLANTING

3/4" = 1'-0" P-RL-FIT-LAND-01



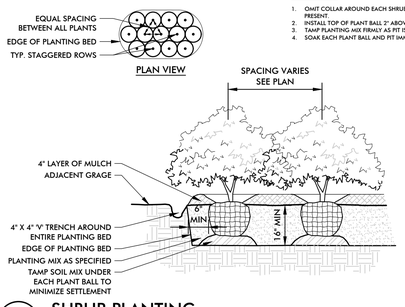
TREE CALIPER DIMENSION "A"	MULCH RING DIAMETER DIMENSION "B"
1"	36"DIAMETER MIN.
1.5"	42" DIAMETER MIN.
2"	48" DIAMETER MIN.
2.5"	54" DIAMETER MIN.
3"	60" DIAMETER MIN.
3.5"	66" DIAMETER MIN.
4"	72" DIAMETER MIN.
5"	80" DIAMETER MIN.
6"	86" DIAMETER MIN.

2 MULCH RING SIZING CHART

1" = 1'-0" P-RL-FIT-LAND-02

GENERAL NOTES:

1. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
2. INSTALL TOP OF PLANT BALL 2" ABOVE ADJACENT GRADE.
3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
4. SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.

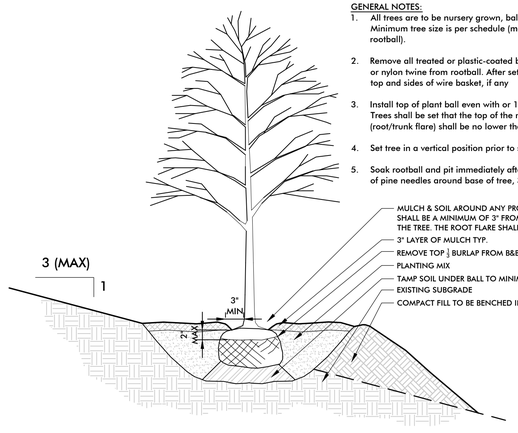


3 SHRUB PLANTING

3/4" = 1'-0" P-RL-FIT-LAND-03

GENERAL NOTES:

1. All trees are to be nursery grown, balled and burlaped (B&B). Minimum tree size is per schedule (measured 6" above rootball).
2. Remove all treated or plastic-coated burlap, strapping, wire or nylon twine from rootball. After setting in hole, cut away top and sides of wire basket, if any
3. Install top of plant ball even with or 1" above existing grade. Trees shall be set that the top of the main order roots (root/trunk flare) shall be no lower than 2" into the soil
4. Set tree in a vertical position prior to staking.
5. Soak rootball and pit immediately after installation. Place 3" of pine needles around base of tree, 3' dia. min.

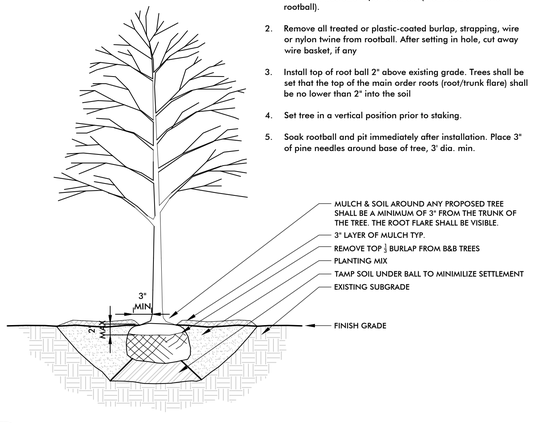


4 SINGLE TRUNK TREE PLANTING ON SLOPE

NTS P-RL-FIT-LAND-05

GENERAL NOTES:

1. All trees are to be nursery grown, balled and burlaped (B&B). Minimum tree size is per schedule (measured 6" above rootball).
2. Remove all treated or plastic-coated burlap, strapping, wire or nylon twine from rootball. After setting in hole, cut away wire basket, if any
3. Install top of root ball 2" above existing grade. Trees shall be set that the top of the main order roots (root/trunk flare) shall be no lower than 2" into the soil
4. Set tree in a vertical position prior to staking.
5. Soak rootball and pit immediately after installation. Place 3" of pine needles around base of tree, 3' dia. min.

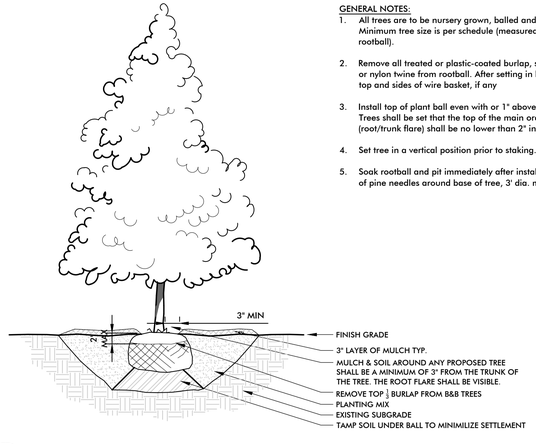


5 SINGLE TRUNK TREE PLANTING

3/4" = 1'-0" P-RL-FIT-LAND-06

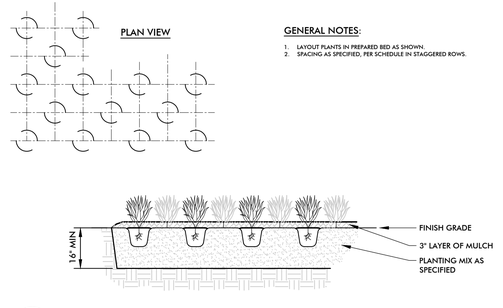
GENERAL NOTES:

1. All trees are to be nursery grown, balled and burlaped (B&B). Minimum tree size is per schedule (measured 6" above rootball).
2. Remove all treated or plastic-coated burlap, strapping, wire or nylon twine from rootball. After setting in hole, cut away top and sides of wire basket, if any
3. Install top of plant ball even with or 1" above existing grade. Trees shall be set that the top of the main order roots (root/trunk flare) shall be no lower than 2" into the soil
4. Set tree in a vertical position prior to staking.
5. Soak rootball and pit immediately after installation. Place 3" of pine needles around base of tree, 3' dia. min.



6 EVERGREEN TREE PLANTING

3/4" = 1'-0" P-RL-FIT-LAND-08



7 GRASS / GROUNDCOVER PLANTING

3/4" = 1'-0" P-RL-FIT-LAND-07

GENERAL PLANTING NOTES:

1. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO CONFIRM ALL MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN SHALL TAKE PRECEDENCE OVER THE MATERIAL SCHEDULE.
2. NO SUBSTITUTIONS AS TO TYPE, SIZE, OR SPACING OF PLANT MATERIALS SPECIFIED ON THIS PLAN MAY BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.
3. DIMENSIONS LISTED FOR HEIGHTS, SPREAD AND TRUNK SPECIFICATIONS ON THE PLANT MATERIAL SCHEDULE ARE GENERAL GUIDE FOR THE MINIMUM REQUIRED SIZE OF EACH PLANT.
4. THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AND AT CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
5. ALL DISTURBED AREAS OF THE SITE ARE TO BE TRIPLE SHREDDED HARDWOOD BARK MULCH, SEED, OR SOD, SEE PLAN
6. NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OVERNIGHT.
7. THE LANDSCAPE CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS, LICENSES, ETC. AND SHALL GIVE ALL NOTICES AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, CODES, RULES AND REGULATIONS DURING THE COURSE OF THE INSTALLATION OF THIS PROJECT.
8. NO MATERIAL SHALL BE PLANTED BEFORE FINISH GRADING HAS BEEN COMPLETED.
9. EXISTING TREES TO BE PRESERVED ARE TO BE BARRICADED BEFORE BEGINNING CONSTRUCTION. IN ACCORDANCE WITH THE TREE PRESERVATION NOTES AND DETAILS ON THE LANDSCAPE PLAN.
10. SELECTIVE CLEARING CONSISTING OF REMOVAL OF VINES, SAPLINGS UNDER 1" DIAMETER AND UNDERBRUSH SHALL BE PERFORMED IN TREE PRESERVATION AREAS INTERNAL TO THE PROJECT AND NOTED ON PLANS.
11. ALL BEDS ARE TO BE TILLED TO A DEPTH OF 12" WITH THE ADDITION OF: 3 CUBIC FEET OF COMPOSTED PINE FINE/SOIL CONDITIONER, OR EQUAL, PER 30 SQUARE FEET OF PLANTING BED.
12. ALL INSTALLED PLANTS SHALL BE INSTALLED WITH DIE-HARD TRANSPLANT FROM HORTICULTURAL ALLIANCE (1-800-628-6373) OR EQUAL, AND SHALL BE APPLIED TO ALL PROPOSED PLANT MATERIAL AS PER MANUFACTURERS SUGGESTED RATES AND SPECIFICATIONS.
13. CONTRACTOR SHALL INSTALL GRANULAR SLOW RELEASE FERTILIZER PRIOR TO INSTALLATION OF MULCH OVER PLANTING BED AREA. RECOMMENDED N-P-K RATIOS FOR ALL TREE, SHRUBS AND GROUNDCOVER BEDS SHALL BE PER SOIL TEST RESULTS AND INSTALLED PER MANUFACTURERS SPECIFICATIONS . TURF PLANTING AREAS SHALL BE FERTILIZED WITH A GRANULAR STARTER FERTILIZER AS PER SOIL TEST AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.
14. PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANTING BEDS IMMEDIATELY PRIOR TO PLACEMENT OF MULCH FOR WEED CONTROL
15. ALL PLANTING BEDS TO RECEIVE TRIPLE SHREDDED HARDWOOD BARK MULCH. MULCH TO BE INSTALLED TO 3" DEPTH UNLESS OTHERWISE INDICATED ON THE PLANTING DETAILS.

NOTES REQUIRING LANDSCAPE ARCHITECT NOTIFICATION

1. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL OR ANY DEFECTIVE WORKMANSHIP.
2. THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER PRIOR TO OPENING ANY PLANT PITS.
3. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL FILL THE BOTTOM OF SELECTED HOLES WITH SIX INCHES OF WATER. THIS WATER SHOULD PERCOLATE WITHIN A 24-HOUR PERIOD. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT A GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTING RELOCATED.
4. SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR OTHER SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PAN, STEAM OF OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS, OTHERWISE THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
5. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT WHEN THE PLANT MATERIALS ARE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

GENERAL TREE SPECIFICATIONS:

1. ALL STREET AND PARKING LOT TREES SHALL BE LIMBED UP TO THE FOLLOWING HEIGHTS:
   a. 2" CALIPER TREES: LOWEST BRANCH 5' HT.
   b. 3" CALIPER TREES: LOWEST BRANCH 6' HT.
2. CANOPY TREES SHALL NOT HAVE CO-DOMINATE LEADERS
3. ALL TREES SHALL HAVE SYMMETRICAL OR BALANCED BRANCHING ON ALL SIDES OF THE TREE.
4. TREES SHALL NOT BE TIPPED PRUNED.
5. TREE TRUNKS SHALL NOT BE BOWED OR "DOG-LEGGED" .
6. TREES SHALL BE SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF, FREE OF DISEASE AND INSECTS, EGGS, AND LARVAE.
7. TREES SHALL BE FREE OF PHYSICAL DAMAGE FROM THE NURSERY AND/OR SHIPPING AND HANDLING. DAMAGED TREES SHALL BE REJECTED.
8. SUMMER DUG TREES SHALL HAVE ROOTBALL SIZE INCREASED BY 20%.
9. TREES WHICH EXCEED RECOMMENDED CALIPER TO HEIGHT RELATIONSHIP PER ANSI Z60.1 SHALL BE REJECTED.
10. ALL PLANT MATERIALS TO BE NURSERY GROWN AND TO COMPLY WITH THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 CURRENT EDITION FOR SIZE AND QUALITY.
11. ALL PLANTS SHALL HAVE A WELL-FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
12. MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY PERCENT (50%) OF THIS YEARS VERTICAL GROWTH (TOP CANDLE).

SPECIMEN TREE SPECIFICATIONS:

1. TREES SHALL MEET REQUIREMENTS SET FORTH IN GENERAL TREE SPECIFICATIONS.
2. TREES SHALL BE TOP GRADE TREES FOR EACH SPECIES AND TYPE. PLANTS SHALL EXHIBIT EXCEPTIONALLY HEAVY, SYMMETRICAL, APPEARANCE AS TO BE UNQUESTIONABLY AND OUTSTANDINGLY SUPERIOR IN FORM, COMPACTNESS AND SHAPE.
3. ANY PRUNING CUTS SHALL HAVE BEEN HEALED FOR A MINIMUM OF ONE GROWING SEASON. TREES WITH PRUNING CUTS OVER 1" SHALL BE REJECTED.
4. TREES SHALL NOT HAVE CROSSING BRANCHES WITHIN THE CROWN.
5. ROOTBALL SIZES SHALL MEET OR EXCEED ANSI Z60.1 SPECIFICATIONS

SHORT TERM WARRANTY NOTES:

1. ALL TREES, SHRUBS AND PERENNIALS SHALL BE WARRANTIED FOR A PERIOD OF TWELVE (12) MONTHS FROM DATE OF SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE FROM OWNER OR OWNER'S REPRESENTATIVE.
2. UPON INSPECTION BY OWNER OR OWNER'S REPRESENTATIVE, ALL TREES, SHRUBS AND PERENNIALS WHICH ARE DEEMED TWENTY-FIVE (25) PERCENT OR MORE DEAD SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
3. CONTRACTOR SHALL PROVIDE A ONE (1) TIME REPLACEMENT OF ALL INSTALLED TREES, SHRUBS AND PERENNIALS AND SHALL BE INSTALLED AT THE MOST HORTICULTURALLY ADVANTAGEOUS SEASON FOR PROJECT LOCATION/REGION.
4. CONTRACTOR SHALL NOT BE RESPONSIBLE FOR VANDALISM, UNUSUAL WEATHER CONDITIONS, ACTS OF GOD, OR OTHER CIRCUMSTANCES BEYOND THE CONTRACTOR'S CONTROL.
5. WARRANTY DOES NOT COVER REPLACEMENT OF ANNUAL FLOWERS.

MAINTENANCE NOTE:

PROPOSED LANDSCAPE PLANTINGS SHALL BE MAINTAINED BY A PROFESSIONAL LANDSCAPE MAINTENANCE FIRM ON A REGULAR SCHEDULE FOR TURF, SHRUB BEDS AND TREES. LANDSCAPE MAINTENANCE SHALL INCLUDE REGULAR WATERING, FERTILIZATION, DISEASE AND PEST MANAGEMENT THROUGHOUT THE PROPERTY TO ENSURE ALL PORTIONS OF THE LANDSCAPE WILL CONTINUE TO THRIVE AFTER INSTALLATION.

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LANDSCAPE DETAILS AND NOTES
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RESORT LIFESTYLE COMMUNITIES
FITCHRONA ROAD
DANE COUNTY
FITCHBURG, WISCONSIN

06-19-19

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GARY M VOGRIN
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LANDSCAPE ARCHITECT

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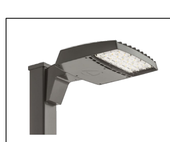
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DATE 1/21/19

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SHEET L6.1

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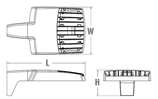
RSX1 LED
Area Luminaire

Catalog Number	RSX1 LED P1/P2 40K R3/R4 MVOLT
Notes	FITCHBURG, WISCONSIN RLC
Type	AA, AB, AC

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (N*180°):	0.57 ft² (0.05 m²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight (max):	25.0 lbs (11.3 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor and an adjustable integral slip-fitter are also available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1	30K 3000K	R3 Type 3 Wide	MVOLT (120V-277V) [1]	SPA Square pole mounting (Min. 3.5" SQ for 1 at 90°, Min. 3.5" SQ for 2, 3, 4 at 90°)
	P2	40K 4000K	R4 Type 4 Wide	HVOLT (347V-480V) [1]	RPA Round pole mounting (3.2" min pole dia. for 1,2,3 or 4 at 90°)
	P3	50K 5000K	R5 Type 5 Wide		MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R5S Type 5 Short		IS Adjustable slipfitter (fits 2-3/8" OD tenon). [4]
			AFR Automotive Front Row		WBA Wall bracket

Options		Finish
Shipped Installed		DDBXD Dark Bronze
HS House-side shield	***Standalone Sensors/Controls (factory default settings, see table page 5)**	DBLXD Black
PE Photocontrol, button style [2,3]	PIRS Motion/ambient sensor for 8-20' mounting heights [7,8,9]	DNAXD Natural Aluminum
PCE Photocontrol external threaded, adjustable [2,3]	PIRHS Motion/ambient sensor for 20-40' mounting heights [7,8,9]	DWHXD White
PER7 Seven-wire twist-lock receptacle only (no controls) [2,3,5]		DDBTXD Textured Dark Bronze
CE34 Conduit entry 3/4" NPT (Qty 2)		DBLBXD Textured Black
SF Single fuse (120, 277, 347) [1]		DNATXD Textured Natural Aluminum
DF Double fuse (208, 240, 480) [1]		DWHGXD Textured White
SPD20KV 20KV Surge pack (10KV standard)		
FAO Field adjustable output		
DMG 0-10V lead wires extended (no controls)		
Shipped Separately (requires some field assembly)		
EGS External glare shield		
EGFV External glare full visor (360° around light aperture)		
BS Bird spikes [6]		

***Networked Sensors/Controls**

NLTAIR2 nLight AIR generation 2 [9,10]

PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) [7,9,10]

***Note: Sensor coverage pattern is affected when luminaire is tilted.**

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LITHONIA LIGHTING®

FEATURES & SPECIFICATIONS

INTENDED USE — Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION — Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, .119&"; or 50 KSI (7-gauge, .179&"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4",5" and 6".

Pole Top: A top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or where ordered with PT option.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/ Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

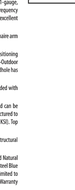
HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

Catalog Number	SSS 25 4G DM19 DDB
Notes	FITCHBURG, WISCONSIN RLC
Type	TYPE AA, AB, AC POLES



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: SSS 20 5C DM19 DDB

SSS	25	4G	DM19			DDB
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting		Options	Finish [6]
SSS	(See technical information table.)	(See technical information table.)	Tenon mounting	AERBC [10] Suspend drill mounting [11]	Shipped installed	Standard colors
			PT Open top (includes top cap)	DM19AS_ - 1 at 90°	LJAB Less anchor bolts	DDB Dark bronze
			T20 2-3/8" O.D. (2" NPS)	DM28AS_ - 2 at 180°	VD Vibration damper	DWH White
			T25 2-7/8" O.D. (2-1/2" NPS)	DM29AS_ - 2 at 90°	TP Tamper resistant handhole cover fasteners	DBL Black
			T30 3-1/2" O.D. (3" NPS)	DM39AS_ - 3 at 90°	HArg Horizontal arm bracket (1 Bracket) [12]	DMB Medium bronze
			T35 4" O.D. (3-1/2" NPS)	DM49AS_ - 4 at 90°	FDLxy Festoon outlet less electrical [13]	DNA Natural aluminum
			RAC,RADX,RCE,RSX1VEN,WST Drill-mounting [11]	DMERC [10] Suspend drill mounting [11]	DGC Charcoal gray	Classic colors
			DM19 1 at 90°	DM19AMS_ - 1 at 90°	CP(L1)xy 1/2" coupling [14]	DSS Sandstone
			DM28 2 at 180°	DM28AMS_ - 2 at 180°	CP(L3)xy 3/4" coupling [14]	DGC Charcoal gray
			DM29 2 at 90°	DM29AMS_ - 2 at 90°	CP(L1)xy 1" coupling [14]	DTG Tennis green
			DM39 3 at 90°	DM39AMS_ - 3 at 90°	NPL1(L)xy 1/2" threaded nipple [14]	DBR Bright red
			DM49 4 at 90°	DM49AMS_ - 4 at 90°	NPL3(L)xy 3/4" threaded nipple [14]	DSB Steel blue
			CSX,OSX,AERBC*,DMERC* Drill mounting [11]		NPL1(L)xy 1" threaded nipple [14]	Architectural Colors and Special Finishes [6]
			DM19AS 1 at 90°		EHHxy Extra handhole [17]	Galvanized, Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available.
			DM28AS 2 at 90°		MAXX Mantch existing [18]	
			DM29AS 2 at 90°		USPOM United States point of manufacture [19]	
			DM39AS 3 at 90°		IC Interior coating [20]	
			DM49AS 4 at 90°		UL UL listed with label (includes NEC compliant cover)	
					NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)	

See footnotes next page.



D-Series Size 1
LED Wall Luminaire

Catalog Number	DSXW1 LED 10C 700 40K T3M MVOLT PE DDBXD
Notes	FITCHBURG, WISCONSIN RLC
Type	B1

Hit the Tab key or mouse over the page to see all interactive elements.

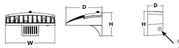
Specifications

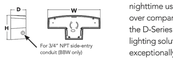
Luminaire

Width: 13-3/4" (34.9 cm)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)
Weight: 12 lbs (5.4 kg)

Back Box (BBW, ELCW)

Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
BBW Weight: 5 lbs (2.3 kg)
ELCW Weight: 10 lbs (4.5 kg)





For 3/4" NPT side-entry conduit (BBW only)

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED	10C	700	40K	T3M	MV		PE
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine)	350 350 mA	30K 3000 K	T25 Type II Short	MVOLT [1]	Shipped included	Shipped included
	20C 20 LEDs (two engines)	530 530 mA	40K 4000 K	T2M Type II Medium	120 [1]	(blank) Surface mounting bracket	PE Photoelectric cell, button type [2]
		700 700 mA	50K 5000 K	T3S Type III Short	208 [1]	SRM Surface-mounted back box (for conduit entry) [3]	DMG 0-10V dimming driver (no controls)
		1000 1000 mA (1 A)	AMBPC Amber phosphor converted	T3M Type III Medium	240 [1]		PIR 180° motion/ambient light sensor, <15' mtg ht [4]
				T4W Type IV Medium	277 [1]		PIR1FC3V 180° motion/ambient light sensor, 15-30' mtg ht [4]
				TFTM Forward Throw Medium	347 [1]		PIRHFC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc [4]
				ASYFW Asymmetric diffuse	480 [1]		PIR1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc [4]
							ELCW Emergency battery backup (includes external component enclosure) [5]

DDBXD	
Other Options	Finish (required)
Shipped installed	DDBXD Dark bronze
SF Single fuse (120, 277 or 347V) [1]	DBLXD Black
DF Double fuse (208, 240 or 480V) [1]	DNAXD Natural aluminum
HS House-side shield [6]	DWHXD White
SPD Separate surge protector [7]	DDBTXD Textured dark bronze
Shipped separately [1]	DBLBXD Textured black
BSW Bird-deterrent spikes	DNATXD Textured natural aluminum
WG Wire guard	
VG Vandal guard	
DDL Diffused drop lens	

Accessories

Ordered and shipped separately.

DSXW1 U House-side shield (one per light engine)
DSXW1BSW U Bird-deterrent spikes
DSXW1WG U Wire guard accessory
DSXW1VG U Vandal guard accessory

NOTES
1. MVOLT driver operates on any line voltage from 120-277V. Specify voltage when ordering with fusing; DF, SPD or photo control (PC, PDS).
2. Also available as accessories; see Accessories & Options on tab 5.
3. Square Low dimming driver standard for performance package P2. Specify PDX for higher ambient temperatures.
4. Photocontrol (PE, PDS) requires 120, 208, 240, 277 or 347 voltage option.
5. Must specify 120, 277 or 347 voltage option.
6. Must specify 208 or 240 voltage option.

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FITCHBURG, WISCONSIN RLC

gotham®

Luminaire Type: E2
Catalog Number (autopopulated): EVO 35/20 6AR MD LS MVOLT EZ1



Gotham Architectural Downlighting
LED Downlights

6" Evo®
Downlight

Solid-State Lighting

FEATURES

OPTICAL SYSTEM
- Self-flanged or flangeless semi-specular, matte-diffuse or specular finishing trim
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,803,050)
- 45° cutoff to source and source image
- Top-down flash characteristic
- Polycarbonate lens integral to light engine

MECHANICAL SYSTEM
- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Tooless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Light engine and driver accessible through aperture
- Injection molded mud ring includeswith flangeless trims. Ships separately. Installs independently of the mounting frame to reduce cracks in plaster due to vibration.

ELECTRICAL SYSTEM
- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- Tested according to LM-79 and LM-80 standards
- Overload and short circuit protected
- 2.5 SOCM: 85 CRI typical, 90+ CRI optional

LISTINGS
- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling. ENERGY STAR® certified product.

WARRANTY
- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

ORDERING INFORMATION

A+ Capable options indicated by this color background.

EXAMPLE: EVO 35/10 6AR MWD LSS MVOLT EZ1

EVO	35/20			6AR		MD	LS	MVOLT
Series	Color temperature	Nominal lumen values		Aperture/Trim color	Trim Style	Distribution	Finish	Voltage
EVO	27/ 2700 K	10 1000 lumens	6AR Clear		(blank) Self-flanged	VWD Very narrow (0.5 s/mh)	LSS Semi-specular	MVOLT
	30/ 3000 K	15 1500 lumens	6PR Pewter		FL Flangeless	ND Narrow (0.7 s/mh)	LD Matte-diffuse	120
	35/ 3500 K	20 2000 lumens	6WTB Wheat			MD Medium (0.9 s/mh)	LS Specular	277
	40/ 4000 K	25 2500 lumens	6GR Gold			MWD Medium wide (1.0 s/mh)		347 [1]
		30 3000 lumens	6WH White			WD Wide (1.2 s/ mh)		
		35 3500 lumens	6BK* Black					
		40 4000 lumens	6WRAME* White anti-microbial					
		45 4500 lumens						

EZ1	
Driver [1]	Options
EZ10 eldoLED 0-10V ECOdrive. Linear dimming to 10% min.	**SF** Single fuse. Specify 120V or 277V.
EZ1 eldoLED 0-10V ECOdrive. Linear dimming to 1% min.	**TRW*** White painted flange
EZ0 eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%.	**TRBL*** Black painted flange
EDAB eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.	**EL*** Emergency battery pack with integral test switch
EDXB eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to DMXR Manual.	**ELR*** Emergency battery pack with remote test switch
EXA1 XPoint Wireless, eldoLED 0-10V ECOdrive. Linear dimming to 1%. Refer to XPoint tech sheet.	**NPSOBEZ1** nLight® dimming pack controls 0-10V eldoLED drivers
EXAB XPoint Wireless, eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. Refer to XPoint tech sheet.	**NPSOBEZER** nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit.
ECOS2 [2,3] Lutron® Hi-Lume® 2-wire forward-phase driver. Minimum dimming level 1%. Minimum lumen 1000/Maximum lumen 3000.	**BGTD** Bodine generator transfer device. Specify 120V or 277V.
ECOS3 [2,3] Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%. Minimum lumen 1000/Maximum lumen 4500.	**CR10D** High CRI (90+)
	CP [4] Choice plenum. Specify 120V or 277V.
	RRL_ RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ADL luminaire brands. Refer to RRL for complete nomenclature.

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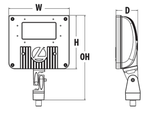
D-Series Size 1
LED Flood Luminaire

Catalog Number	DSXF1 P2 40K MSP MVOLT THK UBV DDBXD
Notes	FITCHBURG, WISCONSIN RLC
Type	S

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA:	0.6 ft² (0.05 m²)
Depth:	3-1/8" (8.0 cm)
Width:	8-7/8" (22.4 cm)
Height:	7-3/4" (19.8 cm)
Overall Height	12" (30.5 cm)
Weight:	7.2 lbs (3.3 kg)



Introduction

The D-Series Size 1 Flood features precision optics to beautifully illuminate a variety of applications while its sleek, compact styling blends seamlessly with the environment.

The D-Series Flood reflector systems and cutting-edge chip-on-board LED technology produce excellent uniformity combined with precision beam patterns for minimal spill light and incredible photometric performance. It's the ideal long-life replacement for 70 - 150W metal halide floods, with typical energy savings of 72% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSXF1 LED P2 40K MSP MVOLT THK DDBXD

DSXF1 LED	P2	40K	MSP	MVOLT THK	UBV	DDBXD
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting	Options	Finish (required)
DSXF1 LED	P1	30K 3000K	NSP Narrow spot	MVOLT	THK Knuckle with 1/2"NPS threaded pipe	Shipped installed	DDBXD Dark bronze
	P2	40K 4000K	MSP Medium spot	120 [1]		PE Photocontrol, button style [2,3]	DBLXD Black
		50K 5000K	MFL Medium flood	208 [1]	IS Integral slipfitter (fits 2-3/8"O.D. tenon)	PEX Photocontrol external threaded adjustable [2]	DNAXD Natural aluminum
			FL Flood	240 [1]	SF Single fuse (120, 277, 347V) [1]	SF Single fuse (120, 277, 347V) [1]	DWHXD White
			WFL Wide flood	277 [1]	YKC62 Yoke with 6x10 coat	DF Double fuse (208, 240)*	
			WTR Wide flood, rectangular	347	Shipped separately [1]	DMG 0-10V dimming driver (no controls)*	
			HMF Horizontal flood		DSXF1/275 Tenon slipfitter (2-3/8"O.D.THK required)	Shipped separately [1]	
					FTS CG6 Tenon Slipfitter (fits 2-3/8" to 2-7/8"O.D. tenon. YKC62 required)	UBV Upper/bottom visor (universal)	
						FV Full visor	
						VG Vandal guard	

Accessories

Ordered and shipped separately.

DSXF1/275 DDBXD U Slipfitter for 1-1/4"to 2-3/8"OD tenons; mates with 1/2" threaded knuckle (specify finish)
FRHN DDBXD U Radius wall bracket, 2-3/8"OD tenon (specify finish)
FSPB DDBXD U Steel square pole bracket, 2-3/8"OD tenon (specify finish)
DSXF1UBV DDBXD U Upper/bottom visor accessory (specify finish)
DSXF1FV DDBXD U Full visor accessory (specify finish)
DSXF1VG U Vandal guard accessory

For more mounting options, visit our Floodlighting Accessories pages.

Stock configurations are offered for shorter lead times:

Standard Configuration	Stock Part Number
DSXF1 LED P1 50K WFL MVOLT THK DDBXD	DSXF1 LED P1 50K
DSXF1 LED P1 40K WFL MVOLT THK DDBXD	DSXF1 LED P1 40K
DSXF1 LED P2 50K WFL MVOLT THK DDBXD	DSXF1 LED P2 50K
DSXF1 LED P2 40K WFL MVOLT THK DDBXD	DSXF1 LED P2 40K

NOTES
1. MVOLT driver operates on line voltage from 120-277V. Specify voltage when ordering with fusing; DF, SPD or photo control (PC, PDS).
2. Also available as accessories; see Accessories & Options on tab 5.
3. Square Low dimming driver standard for performance package P2. Specify PDX for higher ambient temperatures.
4. Photocontrol (PE, PDS) requires 120, 208, 240, 277 or 347 voltage option.
5. Must specify 120, 277 or 347 voltage option.
6. Must specify 208 or 240 voltage option.

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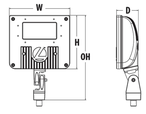
D-Series Size 1
LED Flood Luminaire

Catalog Number	DSXF1 P1 40K MFL MVOLT THK UBV DDBXD
Notes	FITCHBURG, WISCONSIN RLC
Type	S1

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA:	0.6 ft² (0.05 m²)
Depth:	3-1/8" (8.0 cm)
Width:	8-7/8" (22.4 cm)
Height:	7-3/4" (19.8 cm)
Overall Height	12" (30.5 cm)
Weight:	7.2 lbs (3.3 kg)



Introduction

The D-Series Size 1 Flood features precision optics to beautifully illuminate a variety of applications while its sleek, compact styling blends seamlessly with the environment.

The D-Series Flood reflector systems and cutting-edge chip-on-board LED technology produce excellent uniformity combined with precision beam patterns for minimal spill light and incredible photometric performance. It's the ideal long-life replacement for 70 - 150W metal halide floods, with typical energy savings of 72% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSXF1 LED P1 40K MSP MVOLT THK DDBXD

DSXF1 LED	P2	40K	MSP	MVOLT THK	UBV	DDBXD
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting	Options	Finish (required)
DSXF1 LED	P1	30K 3000K	NSP Narrow spot	MVOLT	THK Knuckle with 1/2"NPS threaded pipe	Shipped included	DDBXD Dark bronze
	P2	40K 4000K	MSP Medium spot	120 [1]		PE Photocontrol, button style [2,3]	DBLXD Black
		50K 5000K	MFL Medium flood	208 [1]	IS Integral slipfitter (fits 2-3/8"O.D. tenon)	PEX Photocontrol external threaded adjustable [2]	DNAXD Natural aluminum
			FL Flood	240 [1]	SF Single fuse (120, 277, 347V) [1]	SF Single fuse (120, 277, 347V) [1]	DWHXD White
			WFL Wide flood	277 [1]	YKC62 Yoke with 6x10 coat	DF Double fuse (208, 240)*	
			WTR Wide flood, rectangular	347	Shipped separately [1]	DMG 0-10V dimming driver (no controls)*	
			HMF Horizontal flood		DSXF1/275 Tenon slipfitter (2-3/8"O.D.THK required)	Shipped separately [1]	
					FTS CG6 Tenon Slipfitter (fits 2-3/8" to 2-7/8"O.D. tenon. YKC62 required)	UBV Upper/bottom visor (universal)	
						FV Full visor	
						VG Vandal guard	

Accessories

Ordered and shipped separately.

DSXF1/275 DDBXD U Slipfitter for 1-1/4"to 2-3/8"OD tenons; mates with 1/2" threaded knuckle (specify finish)
FRHN DDBXD U Radius wall bracket, 2-3/8"OD tenon (specify finish)
FSPB DDBXD U Steel square pole bracket, 2-3/8"OD tenon (specify finish)
DSXF1UBV DDBXD U Upper/bottom visor accessory (specify finish)
DSXF1FV DDBXD U Full visor accessory (specify finish)
DSXF1VG U Vandal guard accessory

For more mounting options, visit our Floodlighting Accessories pages.

Stock configurations are offered for shorter lead times:

Standard Configuration	Stock Part Number
DSXF1 LED P1 50K WFL MVOLT THK DDBXD	DSXF1 LED P1 50K
DSXF1 LED P1 40K WFL MVOLT THK DDBXD	DSXF1 LED P1 40K
DSXF1 LED P2 50K WFL MVOLT THK DDBXD	DSXF1 LED P2 50K
DSXF1 LED P2 40K WFL MVOLT THK DDBXD	DSXF1 LED P2 40K

NOTES
1. MVOLT driver operates on line voltage from 120-277V. Specify voltage when ordering with fusing; DF, SPD or photo control (PC, PDS).
2. Also available as accessories; see Accessories & Options on tab 5.
3. Square Low dimming driver standard for performance package P2. Specify PDX for higher ambient temperatures.
4. Photocontrol (PE, PDS) requires 120, 208, 240, 277 or 347 voltage option.
5. Must specify 120, 277 or 347 voltage option.
6. Must specify 208 or 240 voltage option.

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SOLID STATE BOLLARDS

BRA SERIES-LED

SPECIFICATIONS

PROJECT NAME: FITCHBURG, WISCONSIN RLC

FIXTURE TYPE: Z

MODEL # BRA6-CL-24LED-NW-120-RAL-8019-T

BOLLARD
Durable corrosion resistant extruded and cast aluminum construction. ¼" wall thickness.

LED POWER ARRAY™
Three-dimensional array consisting of 6 individual LED tubes for the BDA8 model and 4 individual LED tubes for the BDA6 model, which are fastened to a retaining plate equally spaced to provide 360° of even illumination output. Each LED tube consists of a circuit board populated with a multiple of LED's which is fastened to a radial aluminum heat sink. A white polycarbonate lens and end caps protect each LED tube's internal components and provides diffusion to prevent shadowing and striations.

INTERNAL LOUVER (IL) - A specular louver stack conceals the inner LED Power Array Module and provides uplight and glare control through the external clear polycarbonate lens.

CAST LOUVER (CL) - External cast aluminum louver stack protects the internal LED Power Array Module and provides uplight and glare control. An internal clear polycarbonate lens is integrated with the LED Power Array Module.

OPAL LENS (WP) - Exterior white polycarbonate lens protects the internal LED Power Array Module and provides a uniform white glow.

RADIAL LED MODULE
LED'S are mounted to a circular heatsink in a radial array. The radial LED module is concealed in the cap of the bollard. LED's are not directly visible from angles above 90°.

PARABOLIC REFLECTOR (TR) - A specular Parabolic Reflector reflects a portion of the distribution from the radial LED module and provides a uniform wide angle throw through the outer clear polycarbonate lens.

LED EMITTERS
High Output LED's are driven at 350mA for nominal 1 Watt output each. 70CRI Minimum. LED's are available in standard Neutral White (4000k), or optional Cool White (5000k) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimmable and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

BRA
BRA8 SHOWN WITH -TR OPTICS PATENT PENDING





BOLLARD	A	B	C	D
BRA8	42" 1067mm	8" 203mm	6" 152mm	8" 203mm
BRA6	42" 1067mm	6" 152mm	4" 102mm	6" 152mm

U.L. Listed for wet location

MADE IN THE USA

2015239

U.S. Architectural Lighting

980 West Avenue O, Palmdale, CA 93551
Phone (661) 359-2000 Fax (661) 359-2001
www.usalg.com

U.S. ARCHITECTURAL LIGHTING

SITE LIGHTING FIXTURE SCHEDULE

FIX. NO.	DESCRIPTION	LAMPS	MOUNTING	COMMENTS	QUANTITY	LUMENS
AA	POLE MOUNTED PARKING LOT LIGHT FIXTURE ALUMINUM HOUSING, DARK BRONZE FINISH, LITHONIA DSXF1 LED P1 40K R5 MVOLT SPA *HS DDBXD MOUNTED ON SSS 25 4G DM19 DDB POLE	51W LED	25' POLE SEE DETAIL	*1	5 TOTAL (1) WITH *HS OPTION	7,096
AB	POLE MOUNTED PARKING LOT LIGHT FIXTURE ALUMINUM HOUSING, DARK BRONZE FINISH, LITHONIA DSXF1 LED P2 40K R5 MVOLT SPA *HS DDBXD MOUNTED ON SSS 25 4G DM19 DDB POLE	72W LED	25' POLE SEE DETAIL	*1	17 TOTAL (10) WITH *HS OPTION	9,843
AC	POLE MOUNTED PARKING LOT LIGHT FIXTURE ALUMINUM HOUSING, DARK BRONZE FINISH, LITHONIA DSXF1 LED P2 40K R4 MVOLT SPA DDBXD MOUNTED ON SSS 25 4G DM19 DDB POLE	72W LED	25' POLE SEE DETAIL		3 TOTAL	9,972
B1	WALL MOUNTED EXTERIOR AREA LIGHT ALUMINUM HOUSING, DARK BRONZE FINISH LITHONIA DSXW1 LED 10C 700 40K T3M MVOLT	27W LED	WALL MOUNT 7' A.F.F. OR AS NOTED		31	2,757
E2	6"ø RECESSED LED DOWNLIGHT SEMI-SPECULAR FINISH, MEDIUM THROW, GOTHAM EVO 35/20 6AR MD LS MVOLT EZ1	23.2W LED	RECESSED UNDER CANOPY		8	2,058
S	GROUND MOUNTED FLOOD LIGHT FOR FLAG POLE ALUMINUM HOUSING, DARK BRONZE, LITHONIA DSXF1 LED P2 40K MSP MVOLT UBV THK DDBXD	42W LED	KNUCKLE W/ 1/2" THREAD PIPE		2	5,195
S1	GROUND MOUNT FLOOD LIGHT FOR MONUMENT SIGN ALUMINUM HOUSING, DARK BRONZE, LITHONIA DSXF1 LED P1 40K MFL MVOLT UBV THK DDBXD	21W LED	KNUCKLE W/ 1/2" THREAD PIPE		2	2,692
Z	42" LIGHTED BOLLARD, U.S. ARCHITECTURAL LTG. 6"ø ROUND HOUSING, DARK BRONZE FINISH, BRA6-LED CL 24LED NW RAL-8019-T	28W LED	BOLLARD BASE, SEE DETAIL		13	3,640

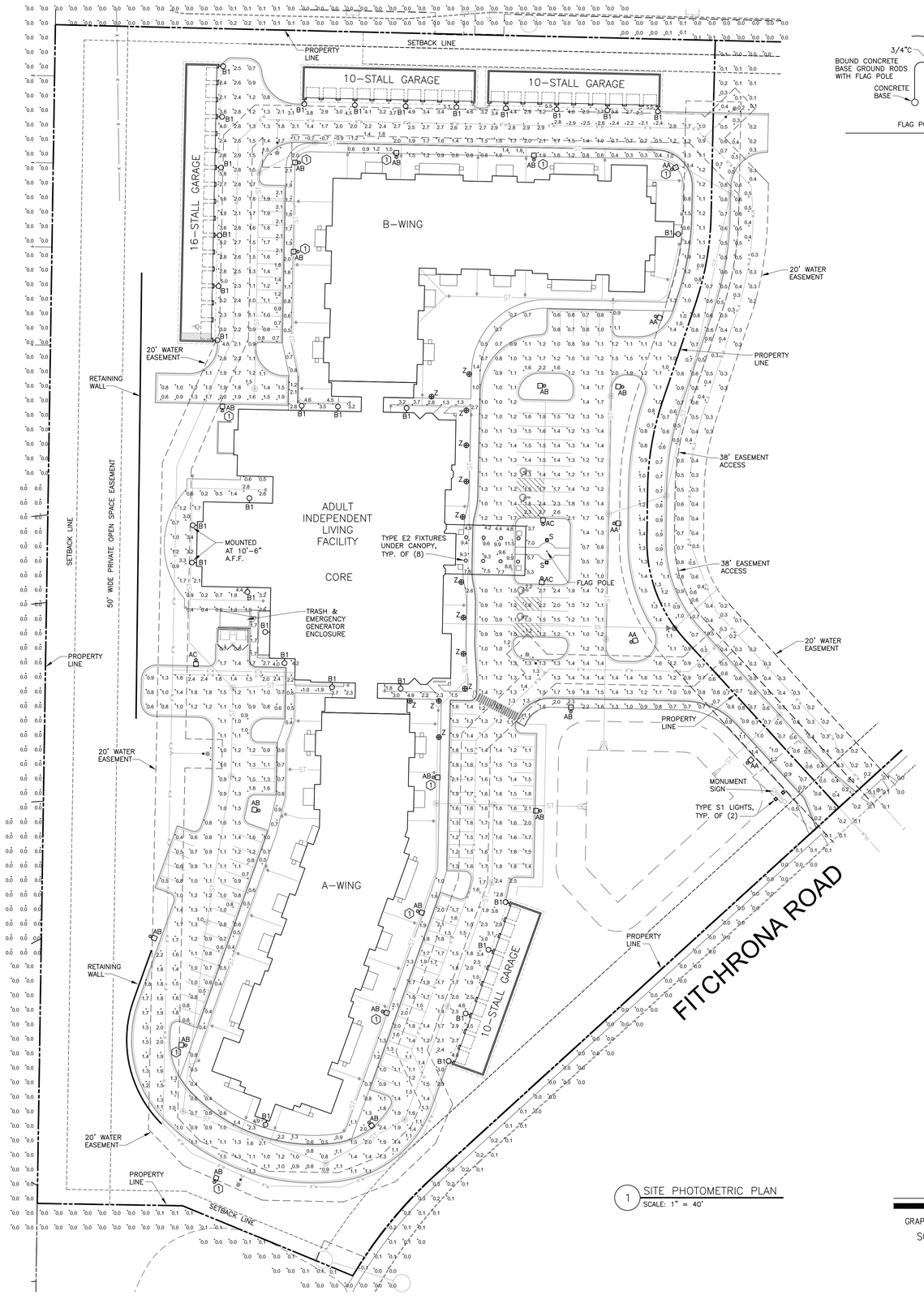
COMMENTS:
1. FIXTURES MARKED WITH APPLICABLE KEYED NOTE SHALL BE PROVIDED AND INSTALLED WITH OPTIONAL HOUSE-SIDE SHIELD OPTION HS. VERIFY QUANTITY AND LOCATIONS WITH PLANS.

DATE
BY
REVISION
NO.

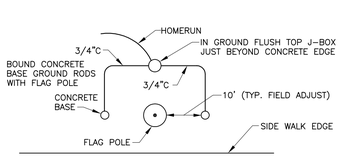
GEARY PACIFIC ENGINEERING, INC.
7800 "O" STREET, SUITE 100
Lincoln, Nebraska 68510
tel: (402)489-7627
fax:

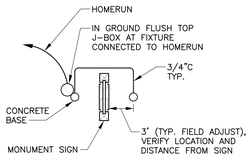
CAMERON GENERAL CONTRACTORS

SITE DEVELOPMENT PLA

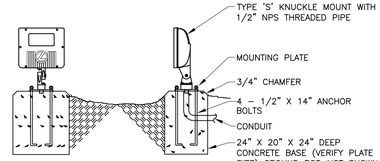


1 SITE PHOTOMETRIC PLAN
SCALE: 1" = 40'

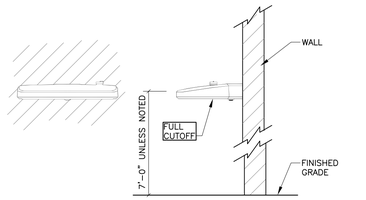




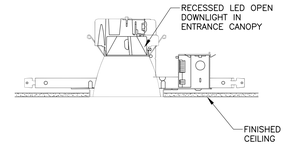
2 FLOOD LIGHT INSTALLATION DETAILS
NOT TO SCALE (FIXTURE TYPES S & S1)



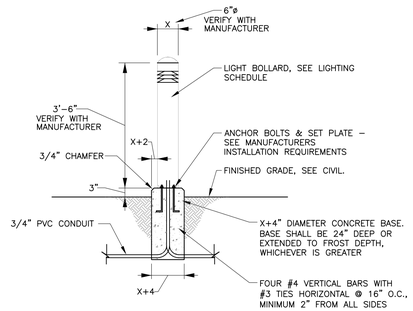
3 FLOOD LIGHT DETAIL
NOT TO SCALE (FIXTURE TYPES S & S1)



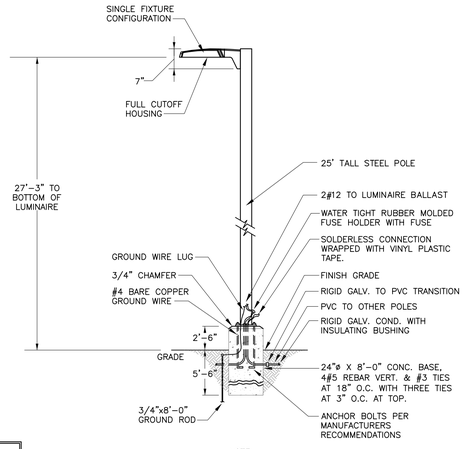
4 WALL MOUNTED EXTERIOR AREA LIGHT
NOT TO SCALE (FIXTURE TYPES B1)



5 RECESSED CANOPY LIGHT DETAIL
NOT TO SCALE (FIXTURE TYPE E2)



6 BOLLARD LIGHT FIXTURE DETAIL
NOT TO SCALE (FIXTURE TYPE Z)



NOTE:
1. PROVIDE STUBOUT CONDUITS FOR FUTURE WHERE SHOWN AND ON LAST/END LOCATIONS.

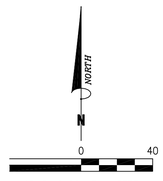
7 PARKING LOT LIGHTING FIXTURE DETAIL
NOT TO SCALE (FIXTURE TYPES AA, AB)

STATISTICS

(MAINTAINED LIGHTING LEVELS MEASURED IN FOOTCANDLES)

AREA DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX/MIN	AVG/MIN
PARKING LOT AND DRIVE AISLES AT GRADE LEVEL	+	1.5 FC	5.8 FC	0.3	19.3:1	5.0:1
BUILDING FRONT ENTRY CANOPY	+	8.2 FC	11.7 FC	3.7	3.2:1	2.2:1
PROPERTY LINE/ROW AT GRADE	+	<0.1 FC	1.2 FC	0.0	N/A	N/A

NOTES:
1. LIGHT LOSS FACTOR USED FOR ALL LED FIXTURES IS 0.90. THESE FACTORS REPLICATE MAINTAINED LUMEN OUTPUT FROM EACH FIXTURE AS REFLECTED IN THE MANUFACTURER'S LITERATURE.
2. ALL CALCULATIONS ARE HORIZONTAL VALUES MEASURED AT GRADE LEVEL.
3. ALL PARKING LOT LIGHT FIXTURES, BOLLARDS AND WALL MOUNTED LIGHT FIXTURES SHOWN ON THE GARAGES AND THE MAIN BUILDING ARE FULL CUTOFF AND ARE SHIELDED.



GRAPHIC SCALE IN FEET
SCALE: 1"=40'

SITE PLAN KEYED NOTES:

1 FIXTURE TO BE PROVIDED AND INSTALLED WITH OPTIONAL HOUSE-SIDE SHIELD.

SITE PLAN GENERAL NOTES:

1. COORDINATE LOCATIONS OF PARKING LOT LIGHT POLES WITH TREES, LANDSCAPING AND ALL OTHER UTILITIES AS REQUIRED.
2. WHERE POSSIBLE, MAINTAIN 3 FEET CLEAR FROM BACK OF CURB TO POLE BASE WHERE LIGHTS ARE PLACED ALONG DRIVING AREAS.
3. VERIFY PARKING LOT LIGHT POLE AND FIXTURE LOCATIONS TO ALLOW FIRE APPARATUS ACCESS ROADS TO HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20 FEET AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET 6 INCHES AS REQUIRED PER IFC 503.2.1.

SITE LIGHTING PLAN LEGEND:

- POLE MOUNTED PARKING LOT LIGHT
- LIGHTED BOLLARD
- MONUMENT SIGN
- GROUND MOUNTED FLOOD LIGHT
- RECESSED DOWNLIGHT
- —W— UNDERGROUND WATER LINE
- —SS— UNDERGROUND SANITARY SEWER PIPING
- —ST— UNDERGROUND STORM SEWER PIPING

No.	REVISION	BY	DATE

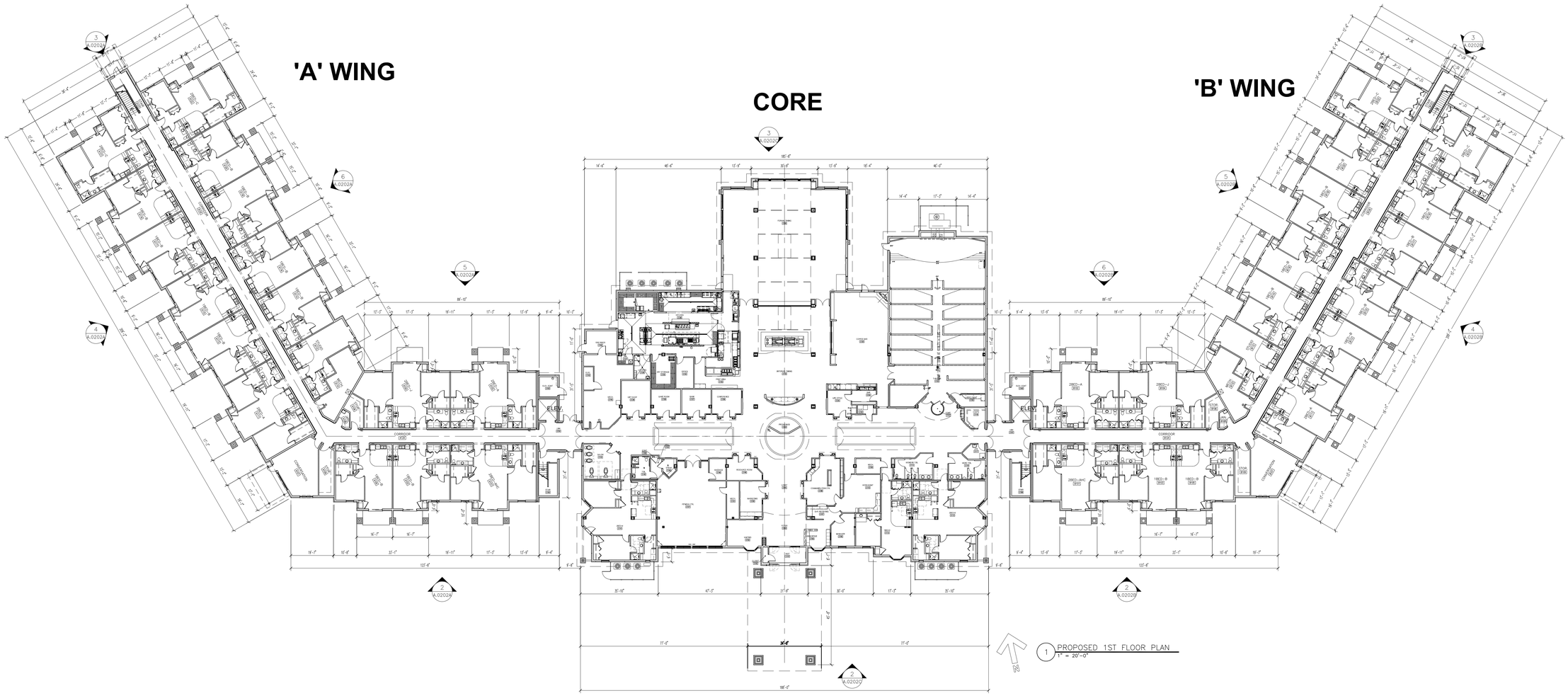
GEARY ENGINEERING, INC.
7800 'O' STREET SUITE 100
Lincoln, Nebraska 68510
TEL (402)489-7627
JOB #

CAMERON GENERAL CONTRACTORS

SITE DEVELOPMENT PLAN
RESORT LIFESTYLE COMMUNITIES
FITCHRONA ROAD FITCHBURG, WISCONSIN DANE COUNTY
SITE PHOTOMETRIC PLAN

PROJECT NO:	CGC00.01
DESIGNED BY:	CAH
DRAWN BY:	CAH
DATE:	01/22/19

E1.0



TOTAL GROSS AREA OF FACADE WALLS		72,908 SF
TOTAL WINDOW & DOOR AREA		8,456 SF
NET TOTAL FACADE AREA		64,452 SF
NET TOTAL BRICK/ MASONRY	(75.05%)	48,372 SF
NET TOTAL NON-PREDOMINANT NET FACADE MATERIAL		16,080 SF

CONSULTANT

PROFESSIONAL STAMP

ARCHITECT

CAMERON
GENERAL CONTRACTORS
8440 Elger Drive
Lincoln, Nebraska • 68516
P: 402.420.2335
F: 402.420.2245

PROPOSED 130 UNIT RETIREMENT COMMUNITY

MORRISVILLE, NC

PRELIM FIRST FLOOR PLAN

ISSUE	DATE	DESCRIPTION
1		
2		
3		
4		

REVISIONS

DATE:
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A.0100

16 April 2018 8:57:49 AM

PRELIM FIRST FLOOR PLAN

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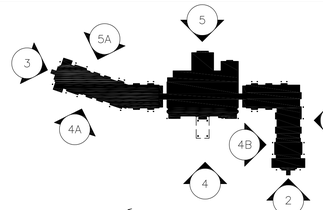
5A A Wing Left Side Elevation
SCALE: 1" = 25'-0"



3 A Wing End Elevation
SCALE: 1" = 25'-0"



2 B Wing End Elevation
SCALE: 1" = 25'-0"



1 Key Plan
SCALE: NTS



4A A Wing Right Side Elevation
SCALE: 1" = 25'-0"

4 Front Elevation
SCALE: 1" = 25'-0"

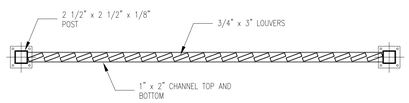
4B B Wing Left Side Elevation
SCALE: 1" = 25'-0"



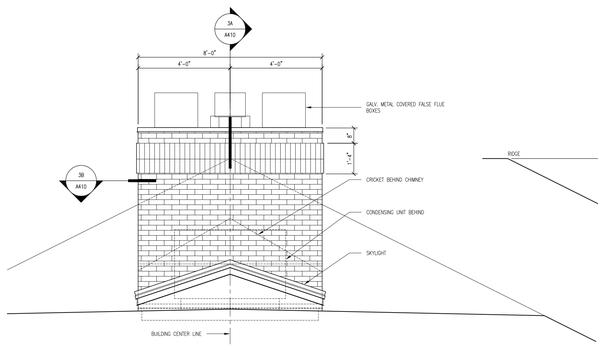
5B B Wing Right Side Elevation
SCALE: 1" = 25'-0"

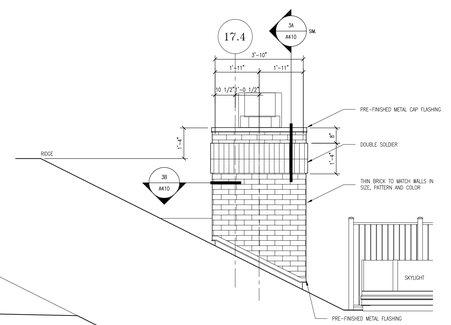
5 Rear Elevation
SCALE: 1" = 25'-0"

(SEE SHEETS A202A, A202B, A202C AND 203C FOR ENLARGED VIEWS)

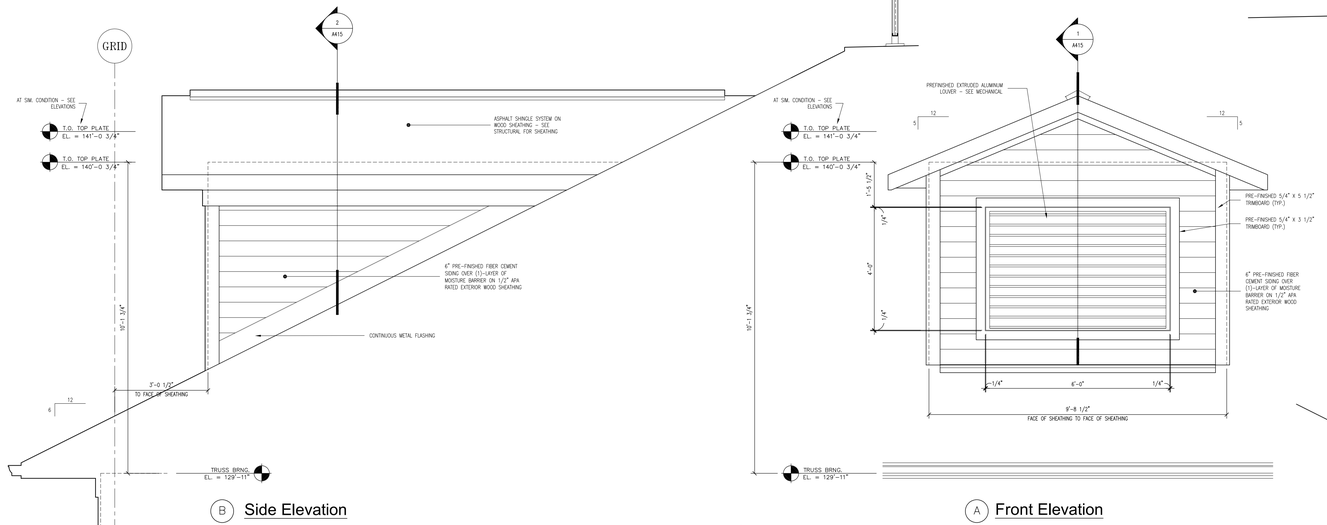


9 Detail
SCALE: 1" = 1'-0"





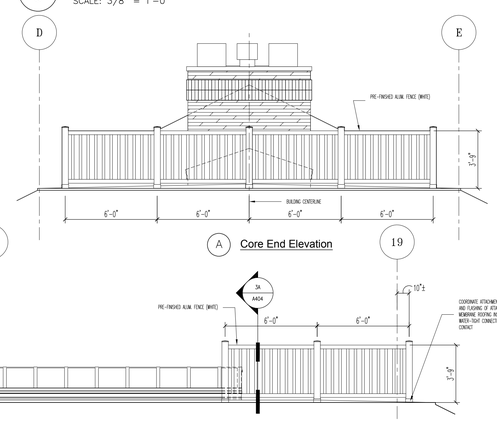
6 Chimney Elevations
SCALE: 3/8" = 1'-0"



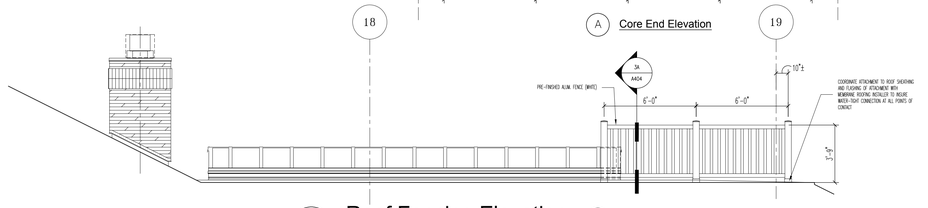
B Side Elevation

A Front Elevation

8 Dormer Elevations
SCALE: 1/2" = 1'-0"



A Core End Elevation



7 Roof Fencing Elevation
SCALE: 1/4" = 1'-0"

B Front/Rear Elevation

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CONSULTANT

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Lincoln, Nebraska 68516
P 402.420.2324

RLC-FITCHBURG
—
FITCHBURG, WI

ENTIRE BUILDING ELEVATION

MARK	DATE	DESCRIPTION
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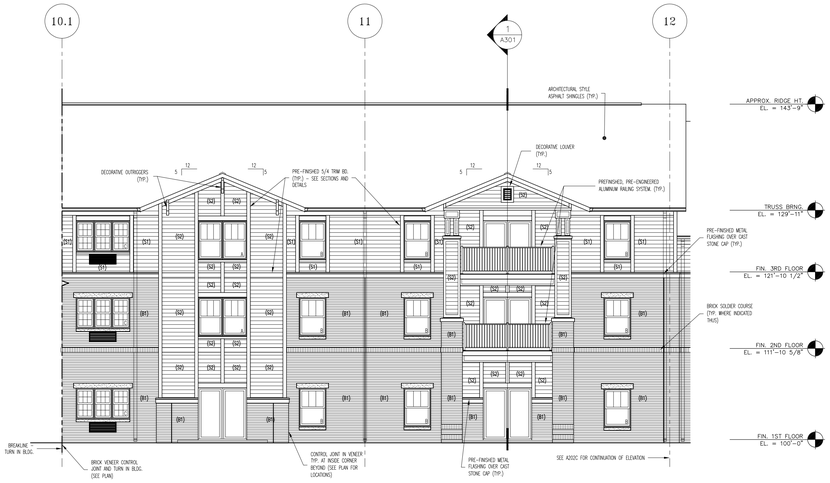
DRAWING

DATE: 10/01/2018

A201

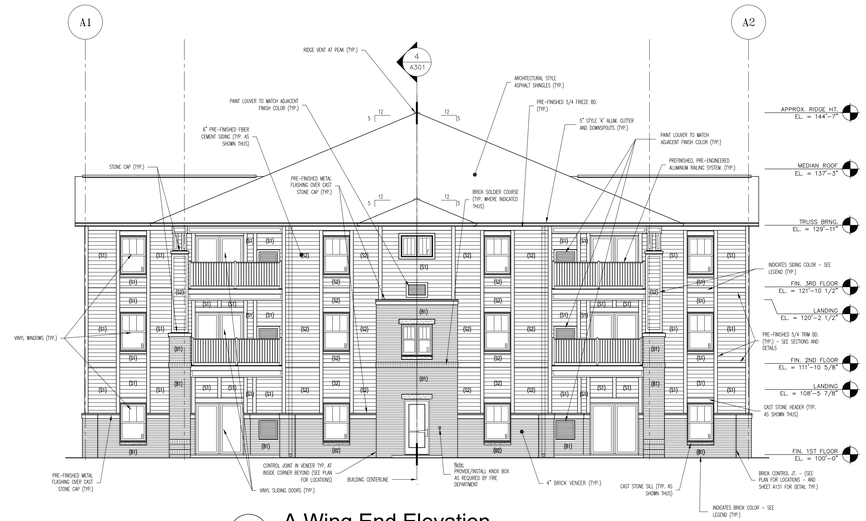
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ENTIRE BUILDING ELEVATION

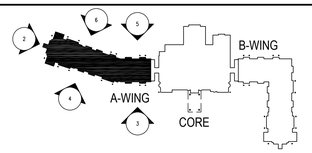


3 A Wing Front Elevation
SCALE: 1/8" = 1'-0"

NOTE:
SEE ELEVATION 2/A203A FOR TYP. NOTES AT EXTERIOR ELEVATIONS



2 A Wing End Elevation
SCALE: 1/8" = 1'-0"



1 Key Plan
SCALE: NTS

LEGEND

MASONRY:
(B1) - INDICATES BRICK VENEER - ACME BRICK, ROCKWELL
(B2) - INDICATES BRICK VENEER - OLDCASTLE, WATERFORD PEWTER
CAST STONE/PRECAST CONC: NOSTALGIC STONE, LIGHT BUFF

SIDING:
(S1) - INDICATES PRE-FINISHED FIBER CEMENT SIDING - HARDIEPLANK - AGED PEWTER
(S2) - INDICATES PRE-FINISHED FIBER CEMENT SIDING - HARDIEPLANK - PEARL GRAY
HORIZ & VERT ACCENT BANDING: ARCTIC WHITE
CORNER TRIM: ARCTIC WHITE

SOFFIT/FASCIA:
FASCIA: HARDIE TRIM, ARCTIC WHITE
SOFFIT-ALUM: PREFINISHED WHITE TO MATCH ARCTIC WHITE

ROOF:
SHINGLES: OWENS CORNING, ESTATE GRAY
GUTTERS: ALUMINUM, WHITE
DOWNSPOUTS: ALUMINUM, WHITE

DOORS & WINDOWS:
WINDOW-VINYL: WHITE
PATIO DOOR-VINYL: WHITE
DOORS-ALUM: WHITE
GARAGE DOORS: WHITE

MISC:
LOUVER-TWU: WHITE TO MATCH WINDOWS
LOUVER-PTAC: TBD TO MATCH SIDING AND BRICK
LOUVER-DORMER: WHITE TO MATCH WINDOWS
COLUMN, TOP SECTION-ALUM CLAD: ARCTIC WHITE
PORCH BEAM-ALUM CLAD: ARCTIC WHITE
PORCH RAILING: WHITE

NOTE:
ALL ROOF EDGES AND ROOF VALLEYS SHALL HAVE MINIMUM 36" WIDE ICE AND WATER SHIELD MEMBRANE.

NOTE:
BRICK MASON SHALL COORDINATE EXTENT AND LOCATION OF MASONRY/VENEER CONTROL JOINTS WITH THE ARCHITECT BEFORE BEGINNING WORK. COORDINATE WITH PLAN SHEETS FOR THE FULL EXTENT OF MASONRY CONTROL JOINTS, MOST OF WHICH, ARE NOT SHOWN ON THIS DRAWING.

4 A Wing Front Elevation
SCALE: 1/8" = 1'-0"

NOTE:
SEE ELEVATION 2/A202A FOR TYP. NOTES AT EXTERIOR ELEVATIONS



6 A Wing Rear Elevation
SCALE: 1/8" = 1'-0"

NOTE:
SEE ELEVATION 2/A202A FOR TYP. NOTES AT EXTERIOR ELEVATIONS

5 A Wing Rear Elevation
SCALE: 1/8" = 1'-0"

NOTE:
SEE ELEVATION 2/A202A FOR TYP. NOTES AT EXTERIOR ELEVATIONS

CONSULTANT

ARCHITECT
CAMERON
GENERAL CONTRACTORS
Lincoln, Nebraska 68516
P 402.420.2324

RLC-FITCHBURG
FITCHBURG, WI

EXTERIOR ELEVATIONS - A WING

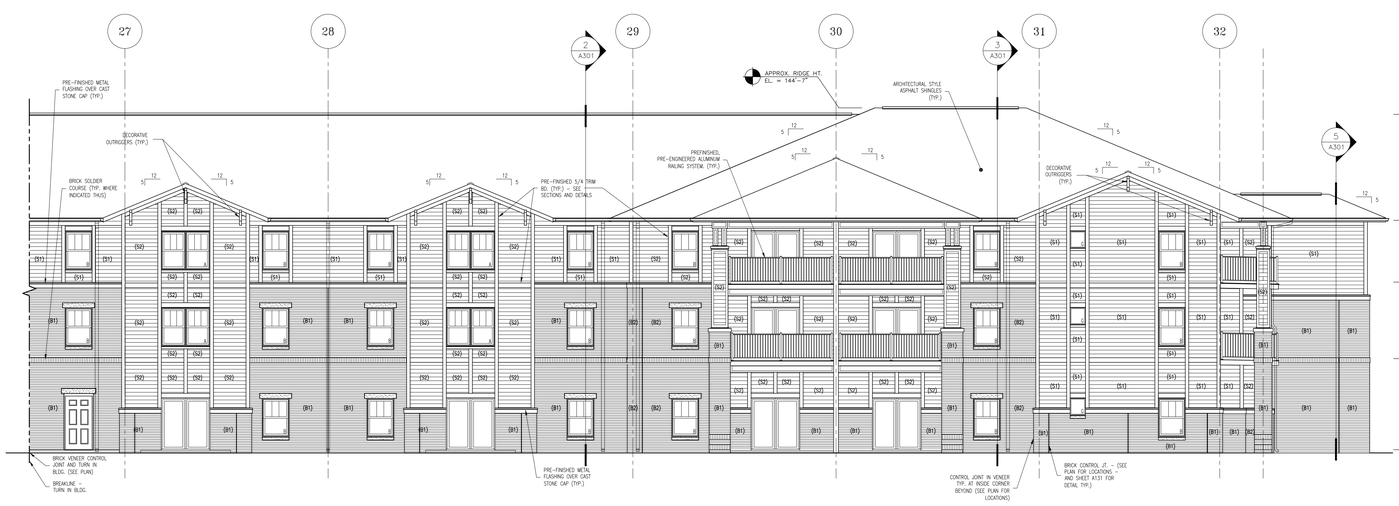
MARK	DATE	DESCRIPTION
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DATE:
10/01/2018

A202-A

EXTERIOR ELEVATIONS - A WING

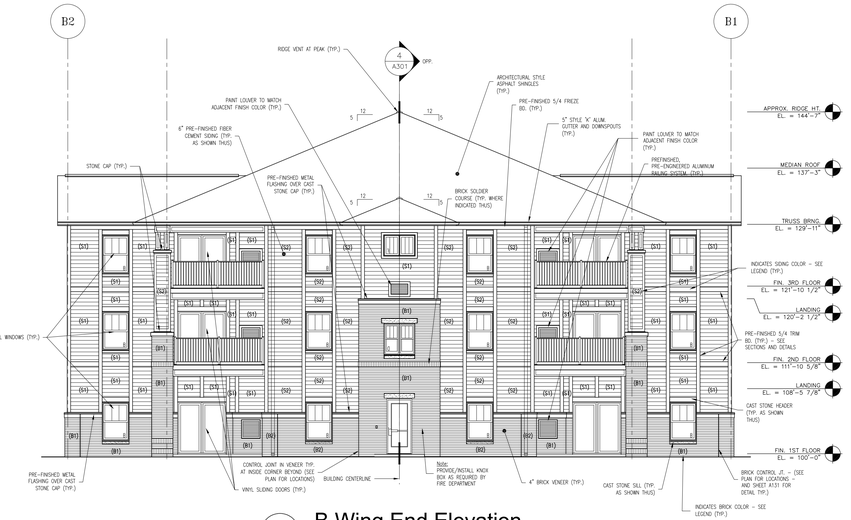
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3 B Wing Left Side Elevation

SCALE: 1/8" = 1'-0"

NOTE: SEE ELEVATION 2/A202B FOR TYP. NOTES AT EXTERIOR ELEVATIONS



2 B Wing End Elevation

SCALE: 1/8" = 1'-0"



5 B Wing Rear Elevation

SCALE: 1/8" = 1'-0"

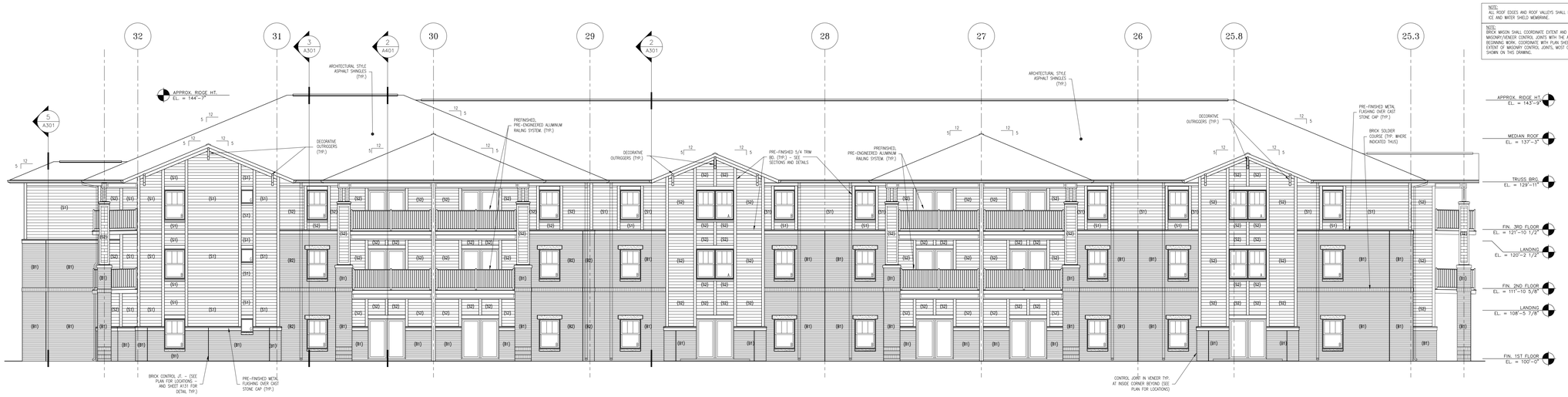
NOTE: SEE ELEVATION 2/A202B FOR TYP. NOTES AT EXTERIOR ELEVATIONS



4 B Wing Front Elevation

SCALE: 1/8" = 1'-0"

NOTE: SEE ELEVATION 2/A202B FOR TYP. NOTES AT EXTERIOR ELEVATIONS



6 B Wing Right Side Elevation

SCALE: 1/8" = 1'-0"

NOTE: SEE ELEVATION 2/A202B FOR TYP. NOTES AT EXTERIOR ELEVATIONS

NOTE: ALL ROOF EDGES AND ROOF VALLEYS SHALL HAVE MINIMUM 36" WIDE ICE AND WATER SHIELD MEMBRANE.

NOTE: BRICK MASON SHALL COORDINATE EXTENT AND LOCATION OF MASONRY/VENEER CONTROL JOINTS WITH THE ARCHITECT BEFORE BEGINNING WORK. COORDINATE WITH PLAN SHEETS FOR THE FULL EXTENT OF MASONRY CONTROL JOINTS, MOST OF WHICH, ARE NOT SHOWN ON THIS DRAWING.

LEGEND

MASONRY:
(B1) - INDICATES BRICK VENEER - ACME BRICK, ROCKWELL
(B2) - INDICATES BRICK VENEER - OLDCASTLE, WATERFORD PEWTER
CAST STONE/PRECAST CONC: NOSTALGIC STONE, LIGHT BUFF

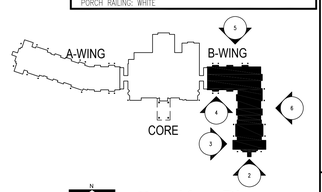
SIDING:
(S1) - INDICATES PRE-FINISHED FIBER CEMENT SIDING - HARDIEPLANK - AGED PEWTER
(S2) - INDICATES PRE-FINISHED FIBER CEMENT SIDING - HARDIEPLANK - PEARL GRAY
HORIZ & VERT ACCENT BANDING: ARCTIC WHITE
CORNER TRIM: ARCTIC WHITE

SOFFIT/FASCIA:
FASCIA: HARDIE TRIM, ARCTIC WHITE
SOFFIT-ALUM: PREFINISHED WHITE TO MATCH ARCTIC WHITE

ROOF:
SHINGLES: OWENS CORNING, ESTATE GRAY
GUTTERS: ALUMINUM, WHITE
DOWNSPOUTS: ALUMINUM, WHITE

DOORS & WINDOWS:
WINDOW-VINYL: WHITE
PATIO DOOR-VINYL: WHITE
DOORS-ALUM: WHITE
GARAGE DOORS: WHITE

MISC:
LOUVER-TWU: WHITE TO MATCH WINDOWS
LOUVER-PTAC: TBD TO MATCH SIDING AND BRICK
LOUVER-DORMER: WHITE TO MATCH WINDOWS
COLUMN, TOP SECTION-ALUM CLAD: ARCTIC WHITE
PORCH BEAM-ALUM CLAD: ARCTIC WHITE
PORCH RAILING: WHITE



1 Key Plan

SCALE: NTS

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P 402.420.2224

RLC-FITCHBURG
FITCHBURG, WI

EXTERIOR ELEVATIONS - B WING

REVISIONS

MARK	DATE	DESCRIPTION
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2	12-3-18	

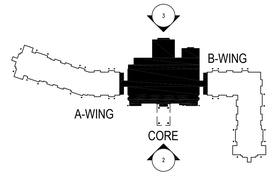
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A202-B

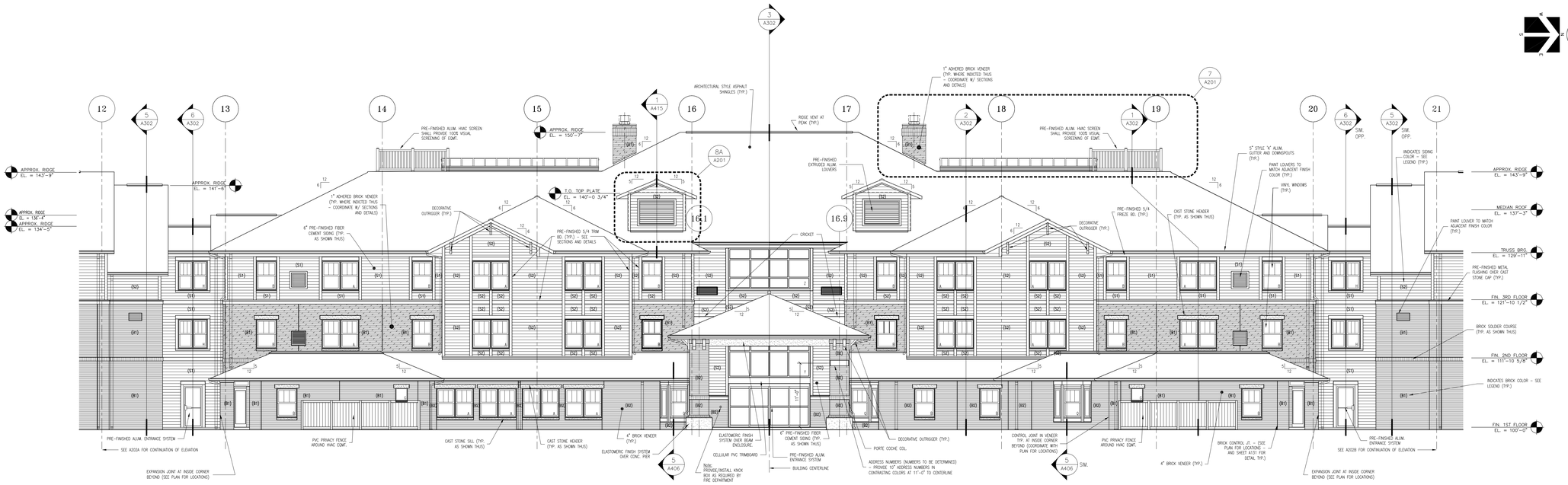
CA October 2018

EXTERIOR ELEVATIONS - B WING

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1 Key Plan
SCALE: NTS



2 Front Elevation at Core
SCALE: 1/8" = 1'-0"

NOTE:
ALL ROOF EDGES AND ROOF VALLEYS SHALL HAVE MINIMUM 36" WIDE ICE AND WATER SHIELD MEMBRANE.

NOTE:
BRICK MASON SHALL COORDINATE EXTENT AND LOCATION OF MASONRY/VENEER CONTROL JOINTS WITH THE ARCHITECT BEFORE BEGINNING WORK. COORDINATE WITH PLAN SHEETS FOR THE FULL EXTENT OF MASONRY CONTROL JOINTS, MOST OF WHICH, ARE NOT SHOWN ON THIS DRAWING.

LEGEND

MASONRY:
(B1) - INDICATES BRICK VENEER - ACME BRICK, ROCKWELL
(B2) - INDICATES BRICK VENEER - OLDCASTLE, WATERFORD PEWTER
CAST STONE/PRECAST CONC: NOSTALGIC STONE, LIGHT BUFF

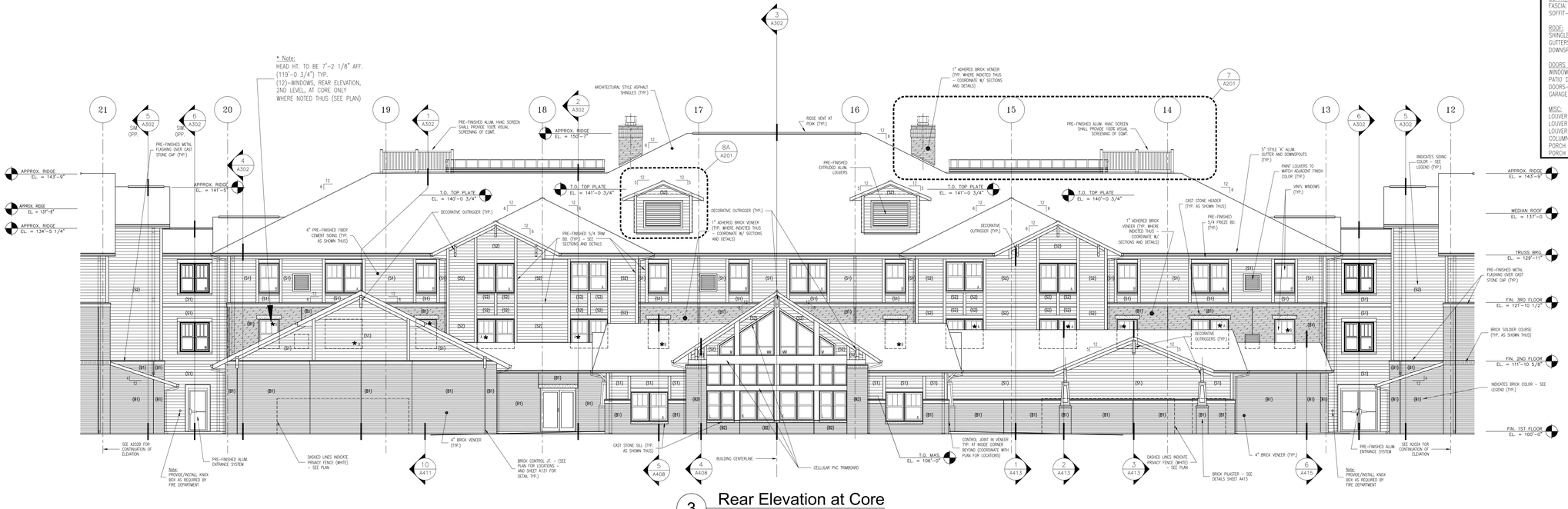
SIDING:
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(S2) - INDICATES PRE-FINISHED FIBER CEMENT SIDING - HARDIEPLANK - PEARL GRAY
HORIZ & VERT ACCENT BANDING: ARCTIC WHITE
CORNER TRIM: ARCTIC WHITE

SOFFIT/FASCIA:
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GUTTERS: ALUMINUM, WHITE
DOWNSPOUTS: ALUMINUM, WHITE

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PATIO DOOR-VINYL: WHITE
DOORS-ALUM: WHITE
GARAGE DOORS: WHITE

MISC:
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LOUVER-PTAC: TBD TO MATCH SIDING AND BRICK
LOUVER-DORMER: WHITE TO MATCH WINDOWS
COLUMN, TOP SECTION-ALUM CLAD: ARCTIC WHITE
PORCH BEAM-ALUM CLAD: ARCTIC WHITE
PORCH RAILING: WHITE



3 Rear Elevation at Core
SCALE: 1/8" = 1'-0"

CONSULTANT

ARCHITECT
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GENERAL CONTRACTORS
Lincoln, Nebraska 68516
P 402.420.2324

RLG-FITCHBURG
FITCHBURG, WI

EXTERIOR ELEVATIONS - CORE

MARK	DATE	DESCRIPTION
1	---	---

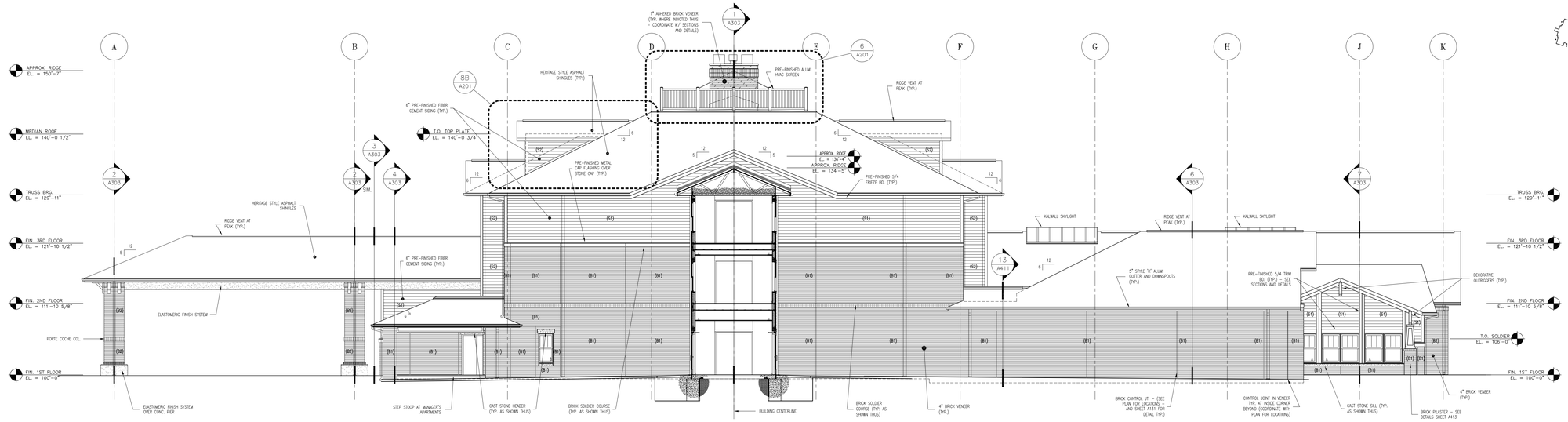
RENDERING

DATE:
10/01/2018

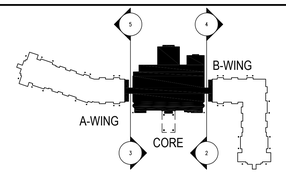
A202-C

EXTERIOR ELEVATIONS - CORE

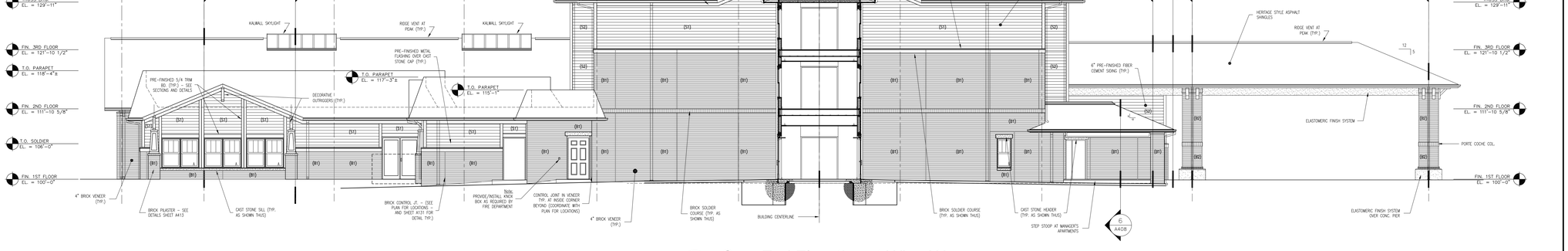
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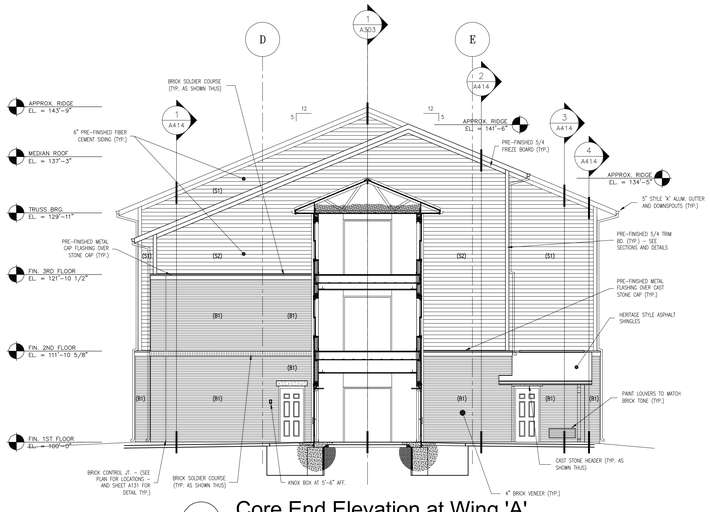
2 Core End Elevation at Wing 'B'
SCALE: 1/8" = 1'-0"



1 Key Plan
SCALE: NTS



3 Core End Elevation at Wing 'A'
SCALE: 1/8" = 1'-0"



5 Core End Elevation at Wing 'A'
SCALE: 1/8" = 1'-0"

NOTE:
ALL ROOF EDGES AND ROOF VALLEYS SHALL HAVE MINIMUM 36" WIDE ICE AND WATER SHIELD MEMBRANE.

NOTE:
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LEGEND

MASONRY:
(B1) - INDICATES BRICK VENEER - ACME BRICK, ROCKWELL PEWTER
(B2) - INDICATES BRICK VENEER - OLDCASTLE, WATERFORD PEWTER
CAST STONE/PRECAST CONC: NOSTALGIC STONE, LIGHT BUFF

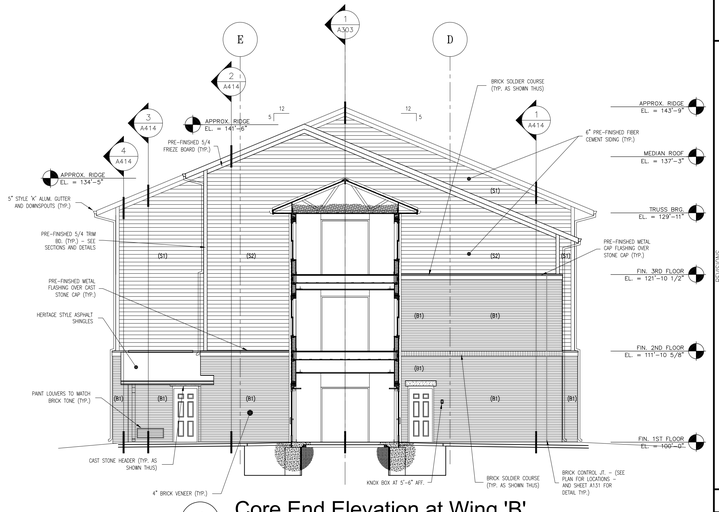
SIDING:
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FASCIA: HARDIE TRIM, ARCTIC WHITE
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COLUMN, TOP SECTION-ALUM CLAD: ARCTIC WHITE
PORCH BEAM-ALUM CLAD: ARCTIC WHITE
PORCH RAILING: WHITE



4 Core End Elevation at Wing 'B'
SCALE: 1/8" = 1'-0"

CONSULTANT

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GENERAL CONTRACTORS
1005 Stockwell
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P 402.420.2324

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FITCHBURG, WI

EXTERIOR ELEVATIONS - CORE

MARK	DATE	DESCRIPTION

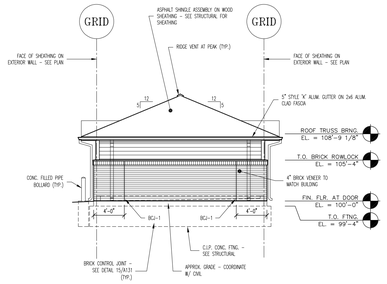
REVISIONS

DATE:
10/01/2018

A203-C

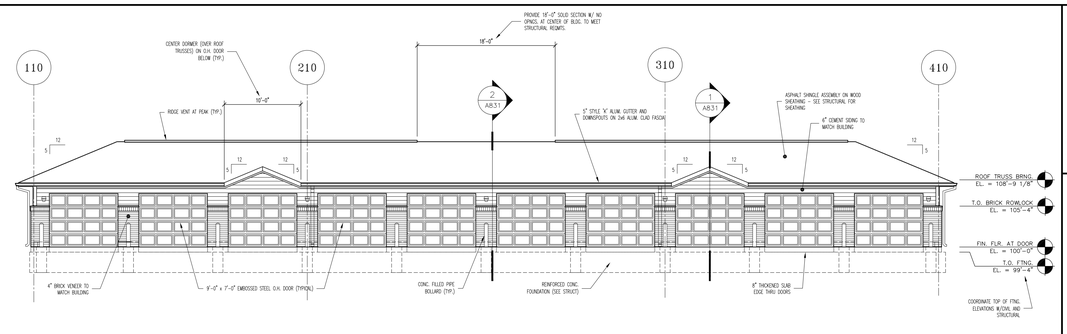
EXTERIOR ELEVATIONS - CORE

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310 10 Stall Garage Side Elevation

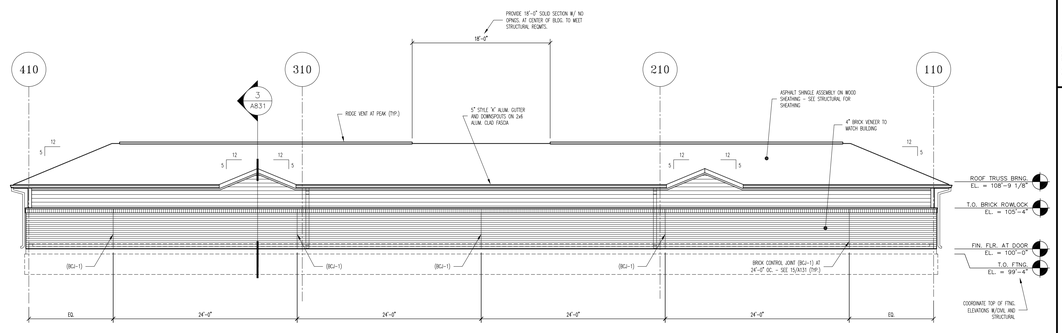
SCALE: 1/8" = 1'-0"



GENERAL NOTES:
1. ALL NOTED FINISHED FLOOR ELEVATIONS ARE AT THE DOOR OPENINGS.
2. ALL FLOORS SLOPE TO THE DOOR OPENINGS.

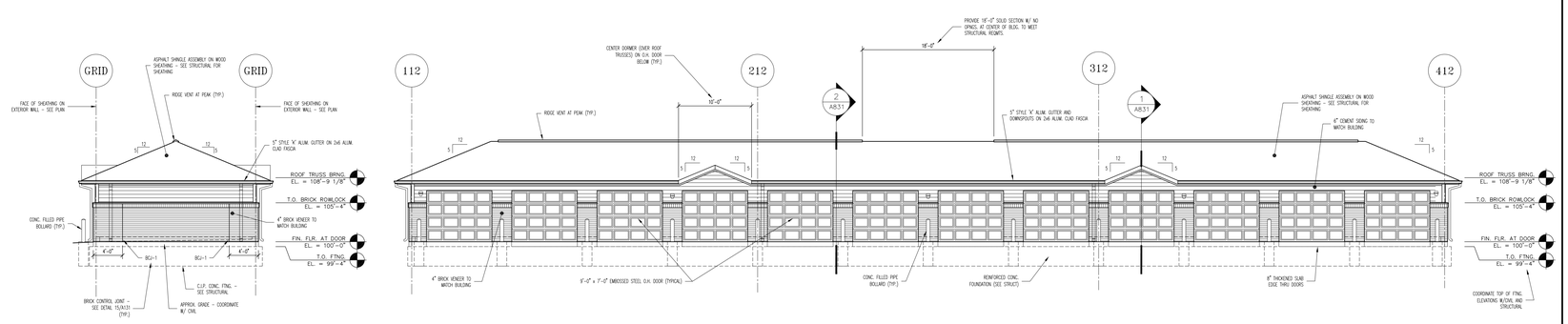
110 10 Stall Garage Front Elevation

SCALE: 1/8" = 1'-0"



210 10 Stall Garage Rear Elevation

SCALE: 1/8" = 1'-0"



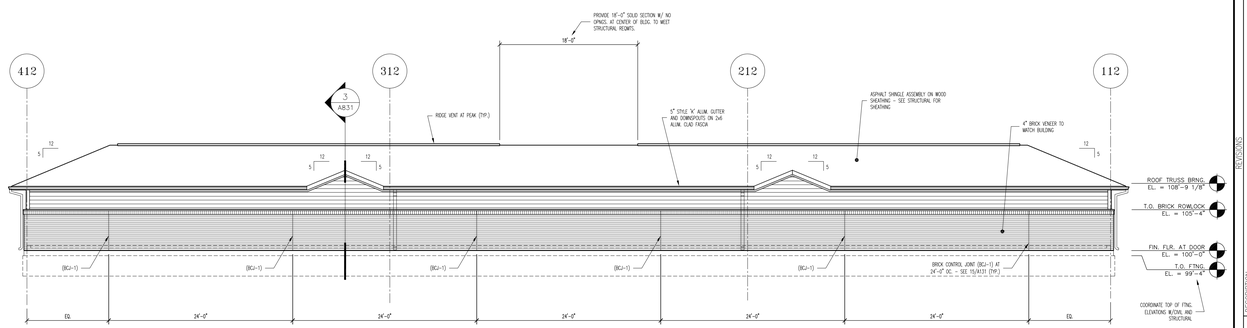
312 12 Stall Garage Side Elevation

SCALE: 1/8" = 1'-0"

GENERAL NOTES:
1. ALL NOTED FINISHED FLOOR ELEVATIONS ARE AT THE DOOR OPENINGS.
2. ALL FLOORS SLOPE TO THE DOOR OPENINGS.

112 12 Stall Garage Front Elevation

SCALE: 1/8" = 1'-0"



212 12 Stall Garage Rear Elevation

SCALE: 1/8" = 1'-0"

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ARCHITECT

CAMERON
GENERAL CONTRACTORS
Lincoln, Nebraska 68516
P 402.420.2324

RLC-FITCHBURG
—
FITCHBURG, WI

GARAGE ELEVATIONS

MARK	DATE	DESCRIPTION
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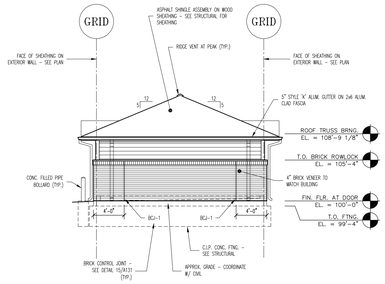
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A821

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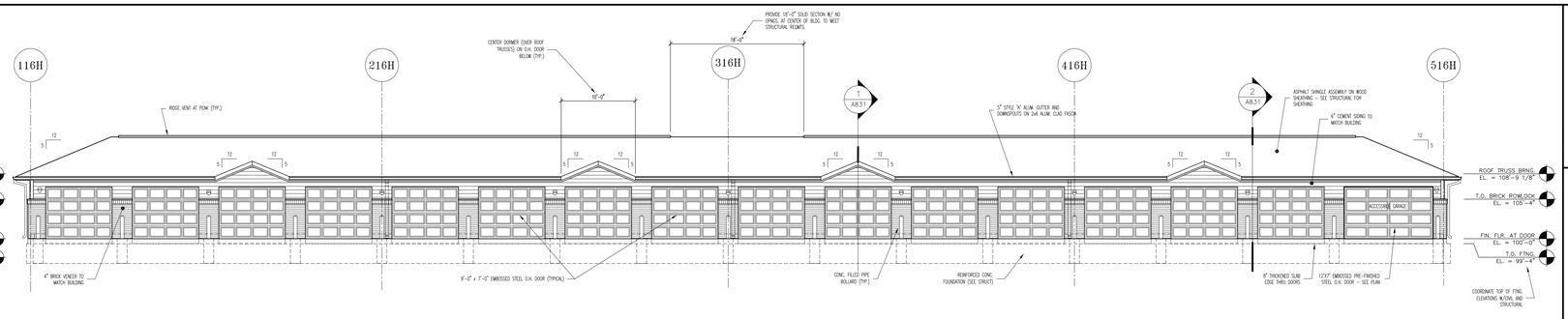
GARAGE ELEVATIONS

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316H 16 Stall HC Garage Side Elevation

SCALE: 1/8" = 1'-0"



116H 16 Stall HC Garage Front Elevation

SCALE: 1/8" = 1'-0"

GENERAL NOTES:
1. ALL NOTED FINISHED FLOOR ELEVATIONS ARE AT THE DOOR OPENINGS.
2. ALL FLOORS SLOPE TO THE DOOR OPENINGS.

216H 16 Stall HC Garage Rear Elevation

SCALE: 1/8" = 1'-0"

CONSULTANT

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Lincoln, Nebraska 68505
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F 402.420.2334

RL&C-FITCHBURG

FITCHBURG, WI

GARAGE ELEVATIONS

REVISIONS

MARK	DATE	DESCRIPTION
1	---	---

DATE:
10/01/2018

A822

25 October 2018
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GARAGE ELEVATIONS

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